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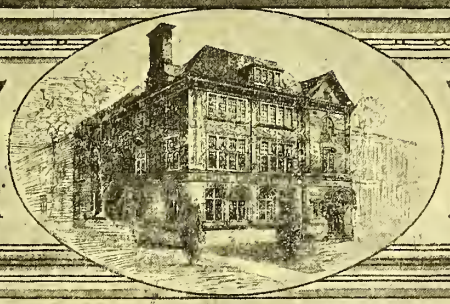

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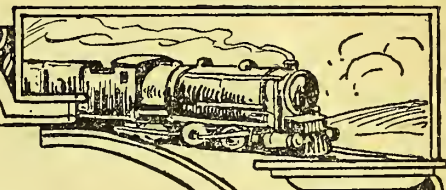

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PRICES OF KER-NAK: 1/3 size, **12/6** doz.; 3/- size, **28/-** doz. (Minimum Prices Face Value)

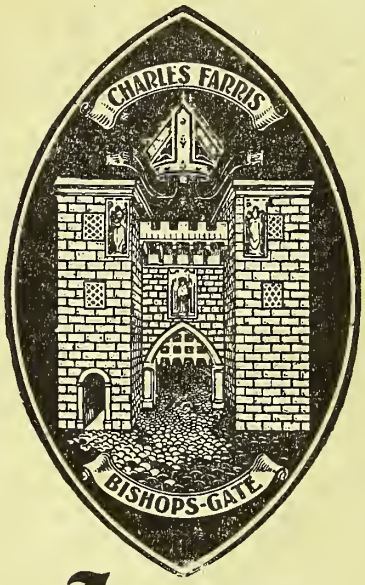
"FARRISOL" White Medicinal Oil, B.P.

—ENGLISH MADE—

(PARAFFINUM LIQUIDUM).

Guaranteed to exactly conform to B.P. tests.

RECOMMENDED AND ADOPTED BY THE HIGHEST MEDICAL AUTHORITIES.
ABSOLUTELY ODOURLESS AND TASTELESS.



Farris's

WHITE AND YELLOW BEES WAX,
PURE REFINED SPERMACETI,
Large Stocks of Pure Edible and Pharmaceutical OLIVE OIL.
VEGETABLE WAX, CERESINE, &c. &c.

Samples Matched and Lowest Prices Given.

The ONLY Actual MANUFACTURING WAX CHANDLER in the City of London.

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.

***Works*—HELMET COURT, BISHOPSGATE, E.C.**

***Warehouses & Stores*—91 & 93 BISHOPSGATE, and 12 WORMWOOD STREET, E.C.**

TELEPHONES—LONDON WALL 9397 and 9398. TELEGRAMS—"WAXINESS, LED, LONDON."

No 390. Maw's Pergo APRIL 5, 1919.

One Million BACTERIA

"Out of 39 samples of Milk taken from Manchester Hospitals, 25 contained over 1,000,000 bacteria per cubic centimetre."

Daily Mail.

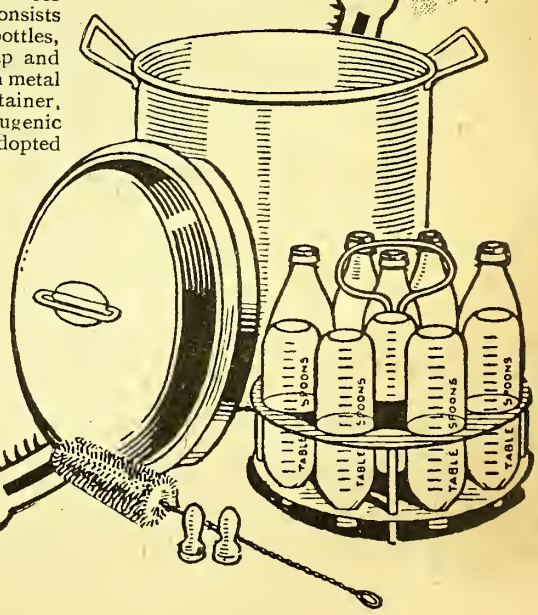
The sterilization of Milk is the recognised safeguard by advanced medical science against its impurities, and consequent dissemination of disease.

The man in the street is being educated to appreciate the absolute necessity of *pure milk in the home.* The health of the community depends upon public knowledge of this salient fact.

MAW'S EUGENIC MILK STERILIZER

keeps milk sweet and fresh for months! The appliance consists of six or ten graduated bottles, each fitted with metal cap and purest india-rubber disc, on metal cruet, complete with container, ready for use. Maw's Eugenic Milk Sterilizer is being adopted by many hospitals, nursing institutions, and baby welfare centres — a sufficient endorsement of its efficiency.

A National Baby Week is being organised. Show that you are alive to the Pure Milk movement. Display a Maw's Eugenic Sterilizer in your window. It arouses interest. It creates sales.



Maw's Eugenic Milk Sterilizer,
complete with 6 bottles, 18/- each.
" " 10 " 25/- "

Spare parts of the above sizes always in stock.

S. MAW, SON & SONS, LTD.
7/12 ALDERSGATE ST., LONDON, E.C.1.
TELEPHONE: CITY 7 (PRIVATE BRANCH EXCHANGE).
TELEGRAMS: "ELEVEN CENT, LONDON."

THE DIGESTIVE FERMENTS CO.

DETROIT, U.S.A.

BACTOPEPTONE

Acknowledged to be the best and most reliable Peptone for Bacteriological use.

DIASTASE
PANCREATIN
PEPSIN
TRYPSIN

HÆMOGLOBIN
OX GALL
SODIUM CHOLATE
,, GLYCOCHOLATE

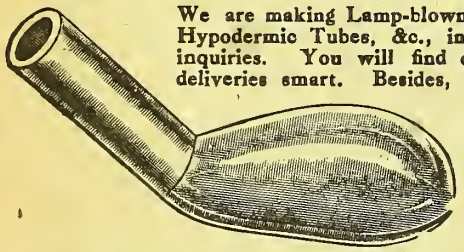
ORGANO-THERAPEUTIC PRODUCTS
OVARIAN, THYMUS & THYROID SUBSTANCES, &c.

Address inquiries, orders, &c., to

MAY & BAKER, LTD., BATTERSEA, LONDON, S.W.

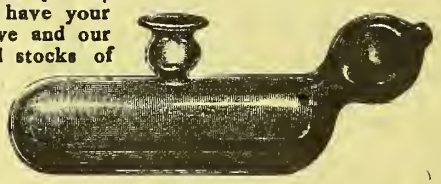
JULES LANG & SON

Sole Proprietor: FERNAND RENÉ LANG



We are making Lamp-blown Glassware, such as Ampoules, Hypodermic Tubes, &c., in England. Let us have your inquiries. You will find our prices competitive and our deliveries smart. Besides, we also have varied stocks of Glass Bottles.

Send us your inquiries and ask for our Stock List.



Nasal Douche.

Telegs.: "Assorted, Phone, London." Telep.: North 2770 (3 lines).

Charlton Works, Charlton Place - - ISLINGTON, LONDON, N.1.

Ichthyol—Italian "Ittiolo"

will be exhibited from April 9 to April 11,
between spaces No. 38 and 40, at the

Imperial College of Science and Technology,

South Kensington, London, S.W.

CARLYLE.

"A man, be the heavens praised, is sufficient for himself; yet were ten men, united in love, capable of being and doing what ten thousand singly would fail in."

CARLYLE.

IF Carlyle had added "and self interest and preservation," he would have been nearer the truth.

This is the age of co-operation and amalgamation. Men are realizing that, in order to secure the best from the work they do, the business they own, and the profession they follow, they must understand the general problems and work together to solve them.

The United Chemists' Association, Ltd.

is an amalgamation of Chemists, situated all over the Country, who are pulling together on the one rope of self-preservation and interest—the rope which is strengthened by the strand of Service to the Consumer.

Nearly 2,000 of the Chemists of the Country, under the name of Ucalites, are now their own masters, where previously they were simply a means of communication between the consumer and the wholesaler, working for a pittance, where now they are receiving their legitimate profits.

It is worth hard cash to be a Ucalite.

If you realize that the buying resources of 2,000 pharmacies are greater than your own. If you realize that Ucal Selling costs are nil, and distribution costs less than any other firm's. If you realize that Ucal organization is run entirely in the interests of the members, you will want to join in quickly.

Well, the door is open for you, but there are names higher on the waiting list.

Arrange to join at the earliest possible moment and be one of the successful men of your day and generation.

Write now for earliest date of admission to

Harold Miller, UCAL, Cheltenham Spa.

P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

The following prices will come in force as from the date of this issue:

Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.
1/3	**Allenbury's** Alkagen Lozenges	1/3	11/3 doz.
1/3	„ Anti-Coryza Wool	1/3	11/3 „
2/6	„ „ „	2/6	22/6 „
1/3	„ "Anusan" Ointment	1/3	11/3 „
1/6	„ Pate de Guimauve Pastilles, 4-oz. tins	1/6	13/6 „
3/–	„ „ 8-oz. „	3/–	27/– „
6/–	„ „ 1-lb. „	6/–	54/– „
1/3	**Christy's** Glissene ...	1/3	10/6 „
6d. tab.	**Gibbs'** Carbotar Soap	6d.	4/– „ 12/6 doz. (¼ doz. boxes).

Less 5% on 30/– orders assorted.

MacSweeny's Preps. (Irish Prices):

1/3	"Tinori" Corn Cure ...	1/3	10/6 doz.
1/3	„ Foot Powder...	1/3	10/6 „

ARE YOU SATISFIED with your shopfront?

In your own mind do you consider it is so attractive that it demands the attention of the passer-by?

Do you believe that you can display your goods to the best possible advantage?

Do you find that you have a great number of dark corners where you cannot display goods?

Does your window dressing take a great amount of time and even then does not satisfy you?

If any of the above difficulties confront you, consult us on renovating your old front or building a new one. Since 1784 we have been shopfront designers and builders and have built most of the leading shopfronts in the Kingdom.

HASKINS

SHOPFITTERS,

20-34 OLD STREET, LONDON, E.C. 1.

Telephone: City 2985 (4 lines).

Telegrams: "Curvilinear, Barb, London."

Issued by Saml. Haskins & Bros. Ld.

Items of Interest

CHEMISTS' DEMY

Stock No. 648.

6 Reams - - @ **15/3** per Ream.

CARRIAGE PAID.

Stock No. 217.

6 Reams - - @ **13/-** per Ream.

CARRIAGE PAID.

Stock Limited. ORDER NOW.

S. & S. Wrapped Skillets

No. **1,** 1-oz. size @ **19/-** per 1000.
No. **2,** 2-oz. „ @ **22/-** „
No. **3,** 4-oz. „ @ **26/-** „

Packed Drugs mean Quick Service.

ORDER NOW.

TOILET PAPERS

S/S Superfine.

Packets of **500** - @ **8/6** per doz.

Own Name and Address on 1-gross orders.

CARRIAGE PAID ON SIX-DOZEN LOTS.

Also Stocked in Rolls.

All Stocks subject to being unsold.

WRITE AT ONCE TO Sales Dept **FOR SAMPLES.**

SUTTLEY & SILVERLOCK, Ltd.

Chemists' Printing Specialists, BLACKFRIARS, LONDON, S.E.1.

A page of Enemas !

The value of an article can be ascertained by comparison of Cost with Service, and Service is as important as Cost. The Ayrton value in ENEMAS will come out of such a comparison with honours.

The "Monica"

Black polished stout seamless rubber with gum elastic vaginal pipe, bone rectum pipe, shield, complete in box **27/-** per dozen

The "Nem Con"

Black polished seamless rubber, larger bulb, with accessories complete in box ... ... **30/-** per dozen

This Enema may be had in red or green, polished, and also red velvet, without extra charge.

The "G.B.M."

Extra stout, large bulb, black polished seamless rubber with accessories, complete in box ... **33/-** per dozen

The "G.B.M." may also be had in red or green silk finish without extra charge.

Ayrton's Sterilizable Enema

Fitted with aseptic glass pipes and valves, warranted to stand boiling water, complete in box ... **42/-** per dozen

Dr. Monroe's

Black polished rubber, large bulb, stout, seamless, with accessories, complete in box ... ... **45/-** per dozen

Other Enemas at **48/-** and **57/-** per dozen, respectively.

Order your SUNDRIES with your DRUGS, PACKED GOODS and TABLETS !

Ayrton, Saunders & Co. Ltd.
LIVERPOOL

Retail Price

1/=

No Cutting

"ERASMIC" Shaving Stick

Does not dry on the face.

Owing to the enormous demand you are able to turn over your stock of "ERASMIC" three or four times as quickly as any other shaving soap.

NO DEAD STOCK. NO MONEY LYING IDLE.

We offer a good profit on a line for which there is a tremendous sale.

Price List on Application.

"ERASMIC" Perfumers, WARRINGTON.

VEN-YUSA PREPARATIONS

Special Window Show Offer

YOU purchase an assorted Parcel of Ven-Yusa Cream, Soap, and Shampoo Powders value	£2	10	0
WE allow you for Showing Cards	0	5	9
Nett Credit Terms	£2	4	3
IF CASH ENCLOSED deduct 2½%	0	1	3
Nett amount to send	£2	3	0

Your Profit on the Investment will be 50%

Larger Orders are accepted on pro-rata terms, 2½% extra allowed on orders of 12 times above quantities, if cash with order.

MINIMUM PRICES FACE VALUE.

ORDER FORM.

To Messrs. C. E. FULFORD, LTD., Carlton Hill, Leeds.

Date.....

Dear Sirs,—Please supply on Window Show Terms £ s. d.

.....*Gross*.....*Doz. 1/- Size Ven-Yusa Cream* @ *9/3 doz.*

.....*Gross*.....*Doz. 6d.* „ „ *Soap* @ *4/6* „

.....*Gross*.....*Doz. 1/6* „ „ *Shampoo Pdrs.* @ *13/6* „
(7 3d. Shampoos in pkt.)

.....*Gross*.....*Doz. 3d. pkts* „ *Shampoo Pdrs. 22/- gross*
(6 doz. Cartons only.)

Remittance enclosed £ : : £

Name and Address .....

.....

MINIMUM PRICES FACE VALUE.

NOTE.—If Cash does not accompany Order, references should be given for New A/cs.
Credit Terms are Strictly Nett, 30 days.

ELEY BROTHERS,
LIMITED

specialise in the manufacture of the following articles at the lowest prices :

Shaving Stick Cases

Oval and Round Tops

for Powder Tins, Cruets, Dredgers, etc.

Metal Boxes

for Dentifrices, Soap Tablets, etc.

Ferrules

for Walking Sticks, Whips, Bamboo Fittings, etc.

Pencil Fittings

in any of the following metals : Brass, Copper or White metal (nickel or silver plated) Aluminium and Jewellers' Metal (Tombac).

During the continuance of the War we cannot undertake orders to make any of the above goods requiring one or more of the metals for their manufacture of which the use for commercial purposes has been prohibited by H.M. Government; but we invite inquiries, as we still have some articles in stock which were made before the prohibition was issued.

ELEY BROTHERS, Ltd.

(Dept. 21), Edmonton, London, N.

ACCOUNTS—
MONTHLY SETTLEMENT

Commencing April 1 we have decided to allow a discount of 2½% on orders of 3 doz., and 5% on orders of 6 doz., providing you settle your account monthly.

ANZORA

gives you a good profit, and is in big demand.

TRADE TERMS :—

11/6 per doz. Retailed at 18/-
19/6 „ „ „ „ 30/-

Obtainable from all Wholesalers.
Showcards on request.

Anzora Perfumery Co., Willesden Lane, London, N.W.6

FOR LARGE BUYERS.

Lime Creams

Also Brilliantines, Dry Shampoo (Liquid), Bay Rhums, Toilet Paraffins, Pomade Hongroise, Shaving Sticks, Tooth Towders, Dental Creams, Vanishing Creams, Shampoo Powders, and all Toilet Goods.

LOW PRICES for HIGH QUALITY.

STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers

Desk 11, 31-35 Lower Castle St., BRISTOL

(5)

Yellow and Gold —

The Tin "Regina's" in.

The yellow and gold tin, and the purple carton of Price's "Regina" Shaving Stick are right worthy of a place on your counter.

Well-advertised, highly profitable and a really high-class line.

PRICE'S

REGINA

SHAVING STICK

(Retail price 1/-)

IS IN CONSTANT DEMAND.

Have YOU had our sample?

PRICE'S, BATTERSEA, LONDON, S.W. 11.

Fine Perfumes

Price's Eau de Cologne and Lavender Water

(Finest Old English)

JUDGE THEM FOR YOURSELF.

These high-class perfumes are put up in wickered and unwickered bottles of varying sizes. The sales are helped by an exceedingly dainty showcard.

Ask us to-day for details and quality samples.

PRICE'S, Battersea, London, S.W. 11.

1/-

MAKE YOUR OLD HAT A NEW ONE.

In bottles, 1/- each, in separate neat cartons, with suitable brush. These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS.
NO POLISH.

On the P.A.T.A.

Write for Terms, Patterns, also Leaflet of Testimonials.

"Luton" HAT DYE

GLOSSY SERIES supplied if desired.
Special Non-inflammable Series for Export.

WHITAKER & CO.,
Colour Works, KENDAL.
LONDON DEPOT: 60-62 Clerkenwell Road, E.C.1

Another Home Article of Great Utility.

"LUTON"
Universal
Fabric
Dyes

FOR HOME DYEING.

All these colours will dye either Wool, Silk or Cotton, or mixture of these. No separate dye required for each material. Easy and clean to use. No acids or preparation required. Make home dyeing a matter of interest and pleasure.

A standard range of 12 Colours; other shades supplied.
IN PACKETS, 2d., 3d. and 6d. each, and in Bulk.
Pattern Book. Write for Terms and Patterns.

EXHIBITED—
OLDHAM, 1882;
CORK (Certificate of Merit), 1883;
LONDON (Health Exhibition), 1884.

37 Years' Reputation & Practical Experience.

WHITAKER'S HOUSEHOLD
Coloured Varnishes
(VARNISH STAINS)

For Floors, Furniture, and Woodwork Generally. Patterns supplied.

Black Lacquer for Grates, etc.

"JUGGLER" BLACK FOR LEATHER

WHITAKER & CO. Colour Works, KENDAL, Eng.
LONDON DEPOT - - 60-62 Clerkenwell Road, E.C. 1.

Telegraphic Address: "Dullette Kendal."
Telephone: No. 214 Kendal.

ESTABLISHED 1878.

If You do Not already Stock

"KLONDOL"

YOU WILL BE WELL ADVISED TO ORDER A TRIAL SUPPLY WITHOUT DELAY.

In 8-oz. Amber Bottles Artistically Labelled.

WHOLESALE PRICE:

10/-

Per Dozen Bottles.

RETAIL PRICE

1/3

Per Bottle.

"KLONDOL" fully maintains all the essential characteristics of a perfect "LYSOL," and can be relied upon to give the highest satisfaction particularly among the profession.

"KLONDOL" IS BEING SUPPLIED TO MANY OF THE LARGEST AND BEST-KNOWN HOSPITALS.

Write for our Disinfectant Pamphlet and Price List—

EDWARD COOK & CO., Limited,

BOW, LONDON, E.3.

NAIL BRUSHES
TOOTH BRUSHES
SHAVING BRUSHES

Having just received large consignments of the above (bought on favourable terms), we now offer these goods at the very low prices quoted below. These prices only apply until stocks are cleared.

NAIL BRUSHES.

Polished wood curved back 4½ × 1⅜ fibre, 7 rows ... ... } assorted, equal quantities of each per doz. 8/6
" hollow back 4¾ × 1½ bristle and fibre 8 rows }

TOOTH BRUSHES.

Bone handles	Assortment	B	C	D
Four rows	per doz.	8/-	9/-	10/6

Special line, 4 rows, waxed back, per doz. 8/6.

SHAVING BRUSHES.

Bone handles, hog hair	per doz.	18/-
" imitation badger	"	24/-

5% discount allowed for prompt cash off above prices.

OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.

91 & 92 Great Saffron Hill, LONDON, E.C.1.

DIADEM
COMPLEXION WAX

Completely supersedes the customary greasy Toilet Creams. Is most pleasant in use and commands ready sales. Attractively produced in elegant large jars.

DIADEM
CRÈME ROUGE

Gives an undetectable and natural colour to the cheeks. Far more convenient in use than the existing dry rouges. Easily removable whenever desired. In dainty jars.

DIADEM
FACE POWDER

possessed of the elusive fragrance of Diadem Cream adheres readily to the skin. Made in Blanche, Naturelle, Rachel, Rose and Sunburn tints. Packed in large artistic boxes, in the distinctive Robartes style and colouring. A sure seller.

DIADEM
VANISHING CREAM

A cream of rare purity and charm, put up in novel white globes which have an irresistible appeal and packed in dainty boxes in Robartes' attractive style. Handsome profits for you in selling.

DECOLTENE The hair remover. The intelligent depilatory. Simple, safe, effective, and harmless. Can be used while performing the toilet. Daintily packed.

Dinkie The Dainty Deodorant. An attractive line that enjoys good sales. A greaseless cream that takes all odour out of perspiration. Packed in attractive jars.

Trade Terms.

	P.A.T.A.	Trade per doz.
Diadem Face Powder ...	3/6	30/-
" Complexion Wax ...	3/6	30/-
" Creme Rouge ...	3/6	30/-
" Vanishing Cream ...	3/9	30/-
Decoltene Depilatory ...	3/9	30/-
Dinkie Deodorant ...	3/6	30/-

Notice.

Artistic Showcards and Counter Matter free on request.

Robartes, Ltd. Preparations are obtainable from all leading wholesale houses.

Largely advertised in all the leading dailies, weeklies and monthlies.

Further particulars and descriptive booklet forwarded on request.

ROBARTES, LTD., Dyer's Buildings, Holborn Bars, London, E.C. 1

Phone Number: Holborn 5[illegible]

TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniper Berry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CITRAL

EUCALYPTOL

CINNAMIC ALDEHYDE

GERANIOL

HOLLANDS DISTILLERY, Ltd.

Lavington Street, Southwark, London, S.E. 1.

A B C Code (5th Edition), Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: HOP 898.

***AMERICAN AGENTS*—O. A. BROWN CO. INC., 99-101 Beekman St., New York.**
***CANADIAN AGENTS*—F. S. JARVIS & CO., 18 Toronto Street, Toronto.**

ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED

IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

7 Carnwath Road, Fulham, London, S.W.

WHO INVITE INQUIRIES.

EUCALYPTUS OIL

(RECTIFIED).

Eucalyptol Content	70/80%
Optical Rotation	0 to 1
Specific Gravity	·919 to ·928

Absolutely Free from Phellandrine.

Quotations by Cable. Wholesale Trade Only.

BURNSIDE & COMPANY

Eucalyptus Oil Distillers,

VICTORIA, AUSTRALIA.

New Postal Address— 439 Flinders Lane, Melbourne. Cables—"Burnside Company, Melbourne."

PURE ESSENTIAL

OIL OF HOP.

Singly and fractionally distilled.

HIGHEST CONCENTRATION AND PURITY GUARANTEED.

Prices, samples and information from the distillers:—

WHITE, TOMKINS & COURAGE, LTD.

HEAD OFFICE:

48 Mark Lane, LONDON, E.C. 3,

And at

LIVERPOOL, BELFAST, BOSTON, and TANDRAGEE.

Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.

LIVERPOOL - - - MANCHESTER

TRADE MARK "VASELINE" PREPARATIONS AND RELIABILITY

"VASELINE" Petroleum Jelly when used in Ointments contains more of the desired elements necessary for a universal base than any other known substance. It has emollient, antiseptic, healing and protective qualities in itself, is not easily acted on by chemicals, and where properly protected from air and light, does not change. Also, when incorporated with other medicaments, they are not injured by the action of the base. These conditions have long been recognised by the leading Physicians, Surgeons and Pharmacists throughout the world. Animal and vegetable fats, on the other hand, are subject to change forming various compounds which destroy the end for which they were intended.

"Vaseline" is the Registered Trade Mark of the

CHESEBROUGH MFG. CO. (Cons'd.)

42 Holborn Viaduct - LONDON, E.C.1

Complete Price List of all the "Vaseline" Preparations will be sent post free on application

Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

MANUFACTURED SOLELY BY

The Dee Oil Company, Ltd.

Delta Works . Bootle . Liverpool.

Packed in barrels, kegs and smaller packages according to requirements.

Inquiries are solicited for this article of **BRITISH MANUFACTURE,** and buyers may rely that for quality and price it will meet any competition

Other Grades

Petroleum Jellies, White Bases, &c.

Samples and prices on application.

"OLEUM DEELINÆ," a certain cure for Eczema.

Phone: 186 Bootle. Wires: "Cestrian Liverpool."

JAMES B. BERRY'S SONS CO. INC.

Head Office: Oil City, Pa., U.S.A.

ALL

Petroleum Products.

Specialities for Wholesale Druggists:

MEDICINAL WHITE OILS
(Paraffinum Liquidum, B.P.)

BRILLIANTINE OILS.

PETROLATUMS, White, Yellow.

PARAFFIN WAX, all grades.

SAMPLES AND QUOTATIONS FROM

W. J. SMITH (SOLE EUROPEAN REPRESENTATIVE)

110 Cannon St., London, E.C. 4.

IN GREAT DEMAND.

SOTOL Antiseptic Mouth and Throat WASH.

IN CONVENIENT TABLET FORM

Is in great demand; ensuring a quick turnover. Sold at face value: 1/6, 2/9, 5/6, 9/6.

SOTOL (non-carbolic) Tooth Powder

ONLY IN SHILLING BOXES.

All "Wesdenco" Specialities are on the P.A.T.A., and quick sellers. Inquiries respecting the above two leading lines, or LYSOL (DENSOL), Wesdenco brand; "HYDRO SUCTINE" Antiseptic Powder for the retention of artificial dentures; "KLENZIT" for cleaning artificial dentures, and "WESDENIN" Antiseptic Essence for Vaporising appliances should be addressed to

The WESTERN DENTAL MANUFACTURING Co., Ltd.

74 WIGMORE STREET, LONDON, W. 1.

Contractors to H.M. Admiralty and War Office. Laboratories: West Ealing, London, W. 13.

Enolin

TOOTH PASTE

"STRONG" OR "MILD"

The Super Paste.

SOLE MANUFACTURERS & PROPRIETORS:

A. & E. CARRERAS, *Perfumers,*

Offices: 207 King St., Hammersmith, London, W. 6.

Telephone: HAMMERSMITH 600.

Telegrams: "ESOLINDOL, HAMMER, LONDON."

Style P. 160/1
without mirror
per 6/6 dozen.

Style P. 160/2
with mirror in lid
per 7/6 dozen.

POUDRE

IMPERIA

A solid, impalpable Face Powder, exquisitely perfumed in pocket case with puff, made in Rouge, Brunette & all shades

COMPACTE

Packed in beautifully labelled silent salesman — outers. — Private Brands made for the wholesale trade

The EMPIRE PERFUMERY CO. (Cuxson, Gerrard & Co. Ltd., Proprietors) OLDBURY.
COLONIAL AND EXPORT INQUIRIES SPECIALLY INVITED.

THREE GOOD SELLERS THAT PAY WELL

FROZOCLONE
(The original solid Eau de Cologne).
(Regd.)

THE WORLD'S GREAT PERFUME AND REFRESHER IN SOLID FORM

Retails (P.A.T.A.)
Minimum - 2/6
giving at least 8d. Profit on each sale.
22/- - - per doz.

FROZOCLONE is a convenient form of the finest Eau de Cologne, refreshing when rubbed on the forehead, equally pleasant as a smelling bottle, invaluable in a heated atmosphere and when motoring.

CARNATE (Regd).
A NAIL POLISH PASTE with new and distinctive features. Antiseptic—Softens the cuticle—Brilliant and lasting polish.
Retails (P.A.T.A.) minimum 1/6; 12/- per doz.

ANALAX
(Reg. Pat. No. 310716).

The Ideal Fruity Laxative in Pastille Form.
DELICIOUS. RELIABLE. EFFECTIVE.
Retail (P.A.T.A.) Minimum 2/3
21/- per doz., stamped.

R. DEMUTH'S LABORATORIES, 68 Salusbury Road and Montrose Avenue, LONDON, N.W. 6
Telegraphic Address: "Boulbene London." Telephone: 525 Willesden.

Our Business Policy

* * *

Our exceptional facilities have enabled us to secure the first arrivals of raw materials, and consequently difficulties of supply are being gradually overcome.

* * *

We thank our many friends for their consideration during the difficult period of shortage, and hope to fill orders as received at an early date.

* * *

The EVAN WILLIAMS' HENNA SHAMPOO is the only product of our factories. We rely solely upon this for our business, and are therefore the Henna Specialists. Our sales depend entirely upon the extremely high standard of quality which, as specialists, we are able to guarantee. Send order for Henna Shampoo to

The EVAN WILLIAMS Co, Ltd.
18 & 18a OGLE St. FOLEY St. LONDON, W.1.

(1)

BRITISH MADE

Tin Boxes Canisters

Collapsible Tubes
Perfume Sprinklers

THE JOHN DALE MFG. CO.Y
New Southgate, LONDON. N.

IMMEDIATE DELIVERY

GATES' BOTTLE CAPPING SKINS

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

SNOW-WHITE OPAQUE ROLLED SKINS.

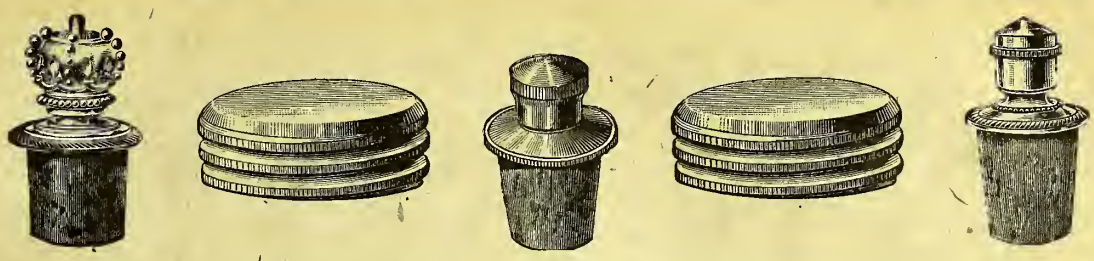
SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. The raw material for Baudruche manufacture being now unobtainable, I have put this new production on the market in its place. ABSOLUTELY AS OPAQUE as Split skins and equal in appearance.

"Mine beat all others."

Sole Pioneer and Only English Manufacturer :

LESLIE GATES
HAILSHAM, SUSSEX.

Another New Speciality.—Try my
TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.



Collapsible Tubes Sprinkler Stoppers

PLAIN AND PRINTED.

FILLING & CLOSING MACHINES

METAL CLIPS for ends of Tubes and MACHINES for fixing same.
SCREW CAPS, METAL TOP CORKS, etc., etc.

Inquiries invited.

24 CITY ROAD
Finsbury Square
LONDON, E.C. 1

(2)

IT PAYS TO PUSH
JOHN BOND'S
"CRYSTAL PALACE" MARKING INK

40%
Minimum Protected Profit

40%
Minimum Protected Profit

6d. size, 3/7 per doz., Minimum protected selling price, 5d. 1/- size, 6/7 per doz., ditto 9d.

This will show retailers a profit on the 6d. size of no less than 40 per cent. The rate of profit on the 1/- size will remain the same.

MINIMUM ORDER AT WHOLESALE RATES:—One Gross of 6d. size amounting to 38/- or assorted order to same value. 1/- size 69/- per Gross. Carriage paid on parcels of £5 and upwards. Smaller quantities should be ordered through any of the Wholesale Houses.

When ordering, please specify if HEAT or NON-HEAT is required. A good assured minimum Profit on this Marking Ink which will always make new customers.

Compare with what you are paying for other makes, and NOTE the difference.

Manufactory : 75 SOUTHGATE ROAD, LONDON, N. 1.

BRITISH MADE
TIN FOIL

Highly polished foils—printed, lacquered, embossed or plain. Guaranteed free from lead for tobacco, cigarettes, foodstuffs, etc. In sheets or reels—large or small quantities.

Also collapsible tubes in pure tin, pure lead or lead-coated with tin for rubber solution, artists' colours, tooth pastes and other toilet preparations.

Manufactured by

Venesta Ltd.
1, Great Tower St. EC.
London England

CHLOROPHYLL
(OIL SOLUBLE)

M. M. & R.

Guaranteed to be of Vegetable origin and of the highest possible concentration.

Packed for Export shipment in 5, 10, 25 and 50-lb. cans, packages inclusive.

TERMS—F.A.S. Vessel,
Cash against documents in New York.

MAGNUS, MABEE & REYNARD, Inc.
Essential Oils, Chemicals & Drugs,
NEW YORK, N.Y., U.S.A.
Cables—"MAGLAUR."
SAMPLE CHEERFULLY SUBMITTED.

"Strodonia"
VANISHING CREAM

For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS (One parcel only):—

1½ dozen	7½d.	selling for	11 3
¾ "	1/-	" "	9 0
			20 3

For 10/- cash with order, carriage paid.
7½d. and 1/- - - - 5/6 and 9/- per dozen.
From London Wholesalers.
Direct Orders value £5 subject to 10% discount and 1 doz. 1/- size bonus for window display, showing 38% on Turnover.

STRODE COSH & PENFOLD, Manufacturing Chemists, LOWER UNION ST., **BRISTOL.**

Hindes HAIR TINT
For GREY OR FADED HAIR.

Regd. Title - "SEEGEROL."

HINDES, Ltd., 1 Tabernacle St. City, London, E.C. 2
Patentees & Manufacturers of the World-famous Hindes' Wavers.

WILOWISP CRÈME d'ARAK

An ideal
VANISHING CREAM
for the Face and Hands. Neither greasy nor sticky.

PROMPT SUPPLIES.
ATTRACTIVELY PACKED.
LIBERAL TERMS.

RETAIL (P.A.T.A.) 1/- PER POT.

Wholesale Price, 8/- per dozen. Window Show terms on application.

Also "Arak Foam" Shampoo, "Henna" Shampoo, "Dry" Shampoo.
ALL WELL-KNOWN GOOD SELLING LINES.

JOHN TIMPSON & CO., Ltd., 104 & 106 GOLDEN LANE, London, E.C. 1.

'GRAMS' "Porous, Barb, London." 'PHONES: City, 6910 6911.

STRAW HAT TIME

will soon be here. Book your order for

"Milner Cleaner"

early, so that you will be able to supply your customers as soon as they ask for it. "Milner Cleaner" is known to be the best thing used for making soiled white straw hats look just like new, at the popular price of **3d.** per packet.

Sold all over for the last 10 years.

Prices to the Trade: 6 dozen **12/-** net; 12 dozen **19/-** net. Carriage paid.
Discount: On orders of 20/-, 2½%; £5, 5%; £10, 7½%.
Special Offer: 13 dozen to the gross for cash with order.
Showcards and Display Matter with each order.

Send your order in now to

MILNER'S CHEMICAL CO.

LIVERPOOL.

Your Outlay	:	**£2 0 0**
Your Returns	:	**5 14 0**
Your Clear Profit		**3 14 0**

We will send you 1 Gr. 9½d.

"Magnetum" Infallible Corn Cure

Carriage Paid, Cash with Order, with special Display Cards, Sells Freely, a really effective Corn Cure as follows—

1 Gr. 9½d. "Magnetum" Corn Cure at 60/- Gr.	-	£3 0 0
Less Discount and Window Display Allowance	-	1 0 0
Send your Cheque now for		£2 0 0

SOLE PROPRIETORS AND MAKERS—

NI-VERRE CHEMICAL CO., 5-7 Ormeau Avenue, BELFAST.

For Delicate Skins.

EUDERMINE CREAM

at 2/6 per bottle.

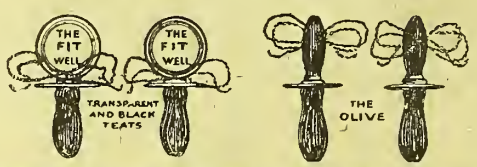
EUDERMINE FACE POWDER

at 2/6 per box.

Obtainable at all Chemists and Stores.

Manufacturers: EUDERMINE CO., LTD.
79 Coleman Street, LONDON, E.C. 2

THE LONDON "FIT WELL" BABY COMFORTER



WHOLESALE & EXPORT ONLY. SHIPPERS SUPPLIED.

Manufactured by **EPHRAIM WOOLF,**
30 PRIORY AVENUE, WALTHAMSTOW.

Works:—633 FOREST ROAD, WALTHAMSTOW, LONDON.
Please Write for Samples, Post Free.
RUBBER TEATS, BONE SHIELDS, Etc., SUPPLIED SEPARATELY.

LONABARC TRADING COMPANY
LIMITED

PURE SPANISH ESSENTIAL OILS

ROSEMARY SPIKE LAVENDER GERANIUM
PENNYROYAL THYME (Red & White) SAGE
SWEET & BITTER FENNEL ORANGE & LEMON
ACONITE ROOT LAVENDER FLOWERS
GENTIAN ROOT **THYMOL** QUINCE SEEDS

60 FORE STREET, LONDON, E.C. 2.

6/- per Oz., producing 80 oz. good perfumery.

"ROZALEA"

A "Distol" of Piquant Charm

THIS original creation makes a charming and lasting floral perfume whose fragrance tantalisingly eludes recognition, since it is not culled from one flower alone, but is a piquant blending of the odours of many.

Incidentally, "Rozalea" illustrates the admirable simplicity of "Distol" Ottos, this complex odour being prepared from one single concentrate by the addition of S.V.R. If desired, the S.V.R. may be replaced by distilled water to the extent of 7 oz. in each pint without loss of quality.

Samples of perfume made from "Rozalea" and any other five odours, together with a copy of the current number of the "Distol" Review, "Profitable Perfumery," sent free to any pharmacist on request.

THOMAS KERFOOT & Co Ltd.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1.
ESTABLISHED 1767.

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BIDWELLS' LTD.

RELIABLE TOOTH BRUSHES.

Gloria Silverdrawn,	18/-
Mitre - - -	14/-
Elephant - -	12/-
Anchor - - -	9/-

GROSS LOTS NAMED FREE. CARRIAGE PAID.

We invite you to try them.
We guarantee satisfaction.

A selected £10 parcel of Hair Brushes from 30/- to 100/- per doz., carr. paid.

Made at our Factories, AXMINSTER, DEVON.

CARAMEL COLOURING

(Sacch. Ust.)

For ALL PURPOSES.

PERFECT PURITY.
Highest Colour Value.

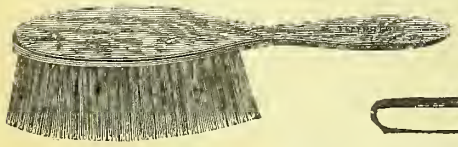
IMMEDIATE DELIVERY to Manufacturers and Wholesale buyers only.

E. J. HAY & CO.

THE Caramel Specialists,

Essex Wharf, Limehouse, LONDON, E. 14,
AND
104 Sackville Street, MANCHESTER.

Titterton's Celebrated TOILET Brushware



TITTERTON & HOWARD, Brush Manufacturers, 8 & 10 Great Titchfield St., London, W. 1.
FACTORY: ALBION WORKS, DALSTON LANE, E. 8.

We are MAKERS for the Wholesale Trade
— OF —
C. H. PENCILS & THROAT BRUSHES,
LUNAR CAUSTIC PENCILS,
MENTHOL CONES & SNUFF,
FINGER-STALLS OF ALL KINDS,
PATENTEES OF THE "SIDE-SEAM"
FINGER BANDAGE COVER,
CELLULOID EYE SHADES,
SILK EYESHADES & SIMILAR GOODS

M. J. FECHER, Ltd., *Elec Works,*
Northwold Road, Stoke Newington, London, N.16.

KOLENE

FOR THE HAIR

is sold in all parts of the United Kingdom.

Sales run into millions annually.

Reduced

1½d. Boxes Kolene		12/-	gross
3d.	,, ,,	24/-	,,
1 oz. Pots	,,	48/-	,,
2 ,, ,,	,,	72/-	,,
3 ,, ,,	,,	96/-	,,

These prices are str ctly net.

KOLENE
has a rapidly increasing SALE.

Ask for one of our travellers to call, or order direct from

The KOLENE CO., 206 Stewart's Rd., London, S.W.

OUR DIRECTORS

ARE

BACK FROM THE WAR

AND ARE AT YOUR SERVICE.

WE CAN SUPPLY FROM STOCK

AMAMI SHAMPOO OF HENNA

AMAMI CREAM (GREASY AND NON-GREASY)

AMAMI BATH CRYSTALS

AMAMI MANICURE ADJUNCTS

SEND US A £5 ASSORTED ORDER.

Bonus of 10/- worth of Goods for window display.

Free Cases. Free Carriage.
Free Showcards.

The Prichard & Constance Manufacturing Co., Ltd.

469 Holloway Road, LONDON, N. 7.

Phone: 3170 North.

"Newbery's"
FRANCIS NEWBERY & SONS LTD.

Cream Embrocation

GOOD REPEATER

Giving clear profit of 33⅓ per cent. on Protected Retail Prices.

QUALITY - RIGHT
PRICE - RIGHT
PROFIT - RIGHT

PRICES (P.A.T.A.):

1/3 Retail .... 10/- per dozen.
2/3 „ .... 18/- „

CHARTERHOUSE SQUARE, LONDON, E.C.1.

F. M. RUDD,
Bronson,
MICHIGAN,
U.S.A.

GENUINE AMERICAN
PEPPERMINT OIL

"Columbia" Natural
"Diamond White"
Re-distilled.

Finest qualities for Druggists, Distillers and Confectioners.

Sole Consignees in United Kingdom—
R. W. GREEFF & CO.
Thames House,
Queen St. Place, LONDON, E.C.

SEMREH
BOTTLE CAPS

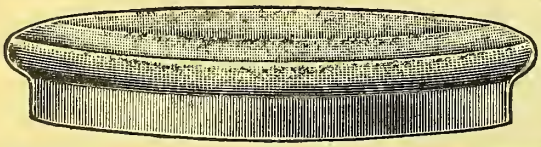
will help you over the style. A boy or girl can apply them, and they are SELF-FIXING.

Details from
The VISCOSE
Development Co., Ltd.
BROMLEY, KENT.

FACE CREAM. TOOTH POWDER. NAIL POLISH
„ POWDER. „ PASTE. HAIR CREAM
BRILLIANTINE, Solid and Liquid. PERFUMES
VIOLET POWDER. TALCUM. TOILET OATMEAL
SHAMPOO POWDER & LIQUID. MASSAGE CREAM

Your own formula prepared, or we can supply ingredients if desired.
Send for samples and quotations.

A. CONNELL & CO., 3 Jewry Street, LONDON, E.C. 3
PHONE—AVENUE 1945.



CELLULOID - CAPS
for Pots and Bottles.
F. W. DUROSE,
45 Queen Street, SMETHWICK, BIRMINGHAM.
Telegrams: "Durose Smethwick."

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—
PRESTON'S LIVERPOOL DISTILLERY Co., Ld.
The Largest Makers in the Kingdom.
BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St., Liverpool.

One Shilling and Two Pence for a Post Card

THE VIOLESSE COMPANY having just placed their articles on the P.A.T.A. List at "a handsome rate of profit" (*vide* "Anti-Cutting Record," Jan. 1919),

OFFER

to any Chemist who does not know their articles, on receipt of a post card with name and address, to send

GRATIS AND POST FREE

SEVEN VIOLESSE SHAMPOOS

retailing at **1/2**, together with particulars of a very Attractive Offer.

The Violesse Company,
DOVERCOURT.

DO IT NOW!

Manicure your Finger Nails with

"Redio"

TRADE MARK

Finger Nail Cloths.

They give a brilliant, lasting polish without pumice, dust, or grease. Beautiful finger nails give the finishing touch to a cultured hand.

Of all Chemists, Hairdressers, etc.

Prices: **6d.** and **1/-**

The REDIO CO. specialises in impregnated cloths.

Try the celebrated Redio *Metal* Polishing Cloths.

REDIO CO., Ltd., 66 Fore St., London, E.C. 2.

LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants, Manufacturing Chemists

HULL.

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net
*LOSALL'S SALT (well advertised), tins	9d.	6/6
* " " " " bottles in cartons	2/-	16/-

**Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.*

LOSALL'S COMPOUND SULPHUR SOAP.

	Box.	Doz.
A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box for 8d.	2/-	18/-

Opaque Baudruche

FRANK A. CONDUIT,
SUTTON HOUSE,
2 OLD STREET,
LONDON, E.C. 1.

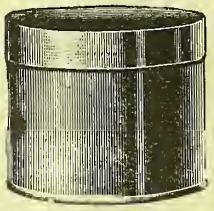
ELSWAL Composite Canisters or Food Containers

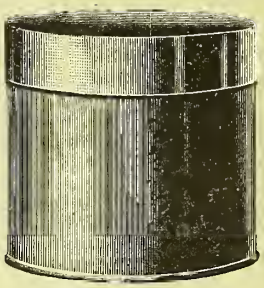
Be prepared for the future and get i to touch with us at once. Earthenware and glass jars are almost unprocurable now, but shortly they will be impossible to obtain at anything like the price of Composite Canisters, owing to the increase in the cost of coal. We can fill your demands, and by doing so help to more than compensate for the increase in fuel, gas, electr city, etc., and all your works' expenses.

Our Canisters have the following indispensable advantages:

1. They abolish bottle-washing plants.
2. More hygienic.
3. Save paper and string for packing
4. Less bulky.
5. Lighter than other packages.

1 doz. earthenware jars weigh 17 lb. to 18 lb.; 1 doz. 2-lb Elswal Canisters weigh 2½ lb.
Write for particulars.
Your inquiries are solicited.





Manufac urers of Food Cont iners. Tin Box s, Travelling Equipment, Off ce Appliances.

EELES, WALKER & CO., LTD., THE CRESCENT, BIRMINGHAM.

Telegrams: "ELSWAL." Telephone Nos.: Central 5324 & 5. LONDON AGENTS: Mussared & Upcott, 112/3 Fore Street, E.C. 2.
CARDIFF.—C. A. Barlow 3 Penywain Road. IRELAND.—S. H. Moore, 20 Victoria Street, Belfa t.

THE MALVA MANUFACTURING Co.

HIGH STREET, WANDSWORTH, S.W.18

Sole Proprietors of the "STEDOTIN" GREASEPROOF BOXES.

Speciali ies: Card Boxes so treated as to render them impervious to Grease, Ointments, Vaseline, Boot Polish, &c.

All Communications to be addressed to 300 BOROUGH HIGH STREET, LONDON, S.E.1

THERMOMETERS AND HYDROMETERS

Clinical and Chemical Thermometers of high quality a special feature.

A. T. REYNOLDS, Barnsbury Hall, Barnsbury Street, LONDON, N. 1.

Immediate Delivery. MERCURY bought to any amount for cash. Wholesale and Export.

'Ongard' Guarded Coil Safety Pins RUST PROOF.

REGD TRADE MARK

For Surgical & Nursery Purposes.

SOLE MANUFACTURERS
GEORGE GOODMAN LTD.,
BIRMINGHAM.

Stocked by JAMES L. HATRICK & CO., LTD., 70 St. John St., Clerkenwell Rd., LONDON, E.C. 1.

British Made

Blanc Fixe, Barium Chloride, Barium Hydrate, Barium Sulphide,
Pure Precipitated **Carbonate of Barytes,**
Pure Sulphate of Alumina, 14/15% and 17/18%
Dry White Precipitate, containing about 70 per cent. precipitated Barium Sulphate and about 30 per cent. precipitated Carbonate of Lime, for Paints, Colours, &c.
Mineral Carbonate of Barytes.

Agents: JULIUS HÜLSEN & CO., Newcastle-on-Tyne.

Veldt Cream

LABEL-TITLE. COPYRIGHT

The Inseparable, just Pourable, Vanishing SKIN FOOD

of Stearine base, combined with rare ingredients, imparting the natural whiteness and waxy softness of the water lily to

HANDS AND ARMS.

Does not interfere with the sale of Face Creams, as it is something quite apart.

Pays 45% on Monthly Bonus Terms.

Retail	Size	Price	Free Bonus on quantities named, or *pro rata*			
5d.	1-oz. bottles	48/- gross	2 doz.	1/-	with ea. gross	
1/-	3-oz. ,,	9/6 doz.	2 ,,	1/-	,,	6 doz.
1/9	6-oz. ,,	16/- ,,	2 ,,	1/-	,,	4 ,,
2/9	12-oz. bath size bots.	27/- ,,	2 ,,	1/-	,,	2 ,,

A vigorous Advertising Campaign in preparation

A set of five sale-compelling Showcards (including two reproductions from water-colours) and a 3/6 (retail) monster Showbottle FREE with each carriage-paid order to the value of £3.

Obtainable on bonus terms only from—

THE VELDT LABORATORY, Louth, England,

or through our Special Agents.

AYRTON, SAUNDERS & CO., Ltd., LIVERPOOL.

"Less than a drop is sufficient"

Zenobia Condensed Perfumes are so highly concentrated that less than a drop is sufficient to give a lasting yet delicate fragrance.

But how can one apply "less than a drop?" By momentarily inverting the bottle and then lightly touching the article to be perfumed with the moistened stopper. The ordinary stopper found with Zenobia Condensed Perfumes is much more economical than the rod stopper, which applies more perfume than necessary.

ZENOBIA

CONDENSED PERFUMES

The Retail Prices are 3/-, 6/- and 12/6 per bottle.

Trade Prices are 27/-, 54/- and 108/- per dozen, less usual discount

This explanation, given at the time of sale, will assist in establishing Zenobia Condensed Perfumes as favourites with the public. Besides being so economical, they have the true flower fragrance always associated with the name of Zenobia — a fragrance that is unequalled for purity and charm.

ZENOBIA, Ltd. Wholesale, Manufacturing and Export Perfumers, Loughborough, England.

The Finest Quality Aerated Waters are made only with the Finest Quality ESSENCES

Boake Roberts

Soluble Essences are of the finest quality and being extremely concentrated are most economical

Lemon	**Ginger Ale**
Orange	**Stone Ginger (Cloudy)**
Ginger	**Clear Ginger Beer**
Raspberry	**Kola Champagne**
Strawberry	**Lime Juice and Soda**
Pineapple	**Lemon Squash**

Vanilla

A. Boake Roberts & Co. Ltd.
Stratford, London.

SAVE 3/- PER GALLON

BY BUYING

GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL." Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

BISHOP'S PIPERAZINE CITRATE

A REMEDY OF ESTABLISHED AND DEFINITE VALUE

IN GOUT, LUMBAGO, SCIATICA, NEURITIS, GRAVEL, STONE, AND ALL MANIFESTATIONS OF THE URIC ACID DIATHESIS.

Prescribed by the British Medical Profession for 20 years.

The undoubted superiority of Bishop's Piperazine Citrate, and preparations containing it, is due to the stability of the salt, Piperazine Citrate, which, being non-volatile and non-hygroscopic, undergoes no change upon exposure to heat or moisture, and thus lends itself to all manufacturing and dispensing processes.

Piperazine base, on the contrary, is so volatile and hygroscopic that it cannot be manufactured or dispensed with any degree of accuracy. Hence the unreliability of all Piperazine preparations that are not made with Bishop's Piperazine Citrate.

PIPERAZINE CITRATE IS MADE ONLY BY ALFRED BISHOP, LTD.

Bishop's Piperazine Citrate is the most powerful uric acid solvent known. It neutralises twelve times as much uric acid as any other alkaline solvent, and the resulting Piperazine urate is eight times as soluble as any other urate.

Bishop's Piperazine Citrate is non-irritant and non-toxic. It does not derange the digestive functions and is easily borne by even sensitive stomachs.

Bishop's Piperazine Citrate is supplied in crystalline powder for dispensing, and also in the Granular Effervescent form and Varalettes. The value and reliability of these preparations have been established by abundant clinical experience.

WE CAN, HOWEVER, SUPPLY PIPERAZINE BASE IN LARGE OR SMALL QUANTITIES, FOR MANUFACTURERS WHOSE PROCESSES CALL FOR IT.

Prices and Particulars on application to—

ALFRED BISHOP, LTD. MANUFACTURING CHEMISTS,

48 SPELMAN STREET, LONDON, E.1.

Side Line for Chemists.

STATIONERY

You will benefit by writing for particulars of our "Appro." scheme.

Stationery for Chemists only

Daintily designed Cabinets, Writing Pads, Compendiums, combining Note Paper, Envelopes, Blotting.

Easily and Quickly Served.

33% PROFIT

Attractive on Counter.

Your chief competitors sell Stationery. Why not share the advantage?

J. R. LOCKWOOD & Co.
LIMITED,
168 St. John St., London, E.C.

Wholesale and Manufacturing Stationers, Prescription and Account Book Makers, Chemists' Demys, Toilet Rolls and Wrapping Paper Merchants.

LABEL PRINTERS.

PARNALL
AND SONS

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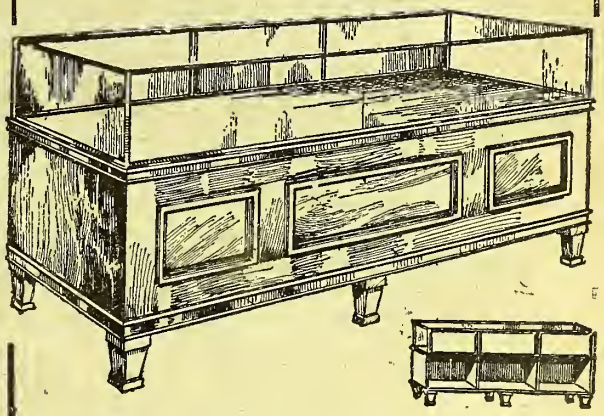

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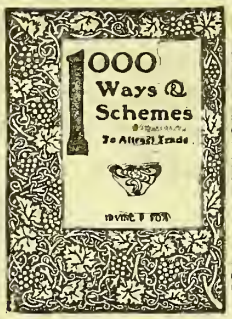

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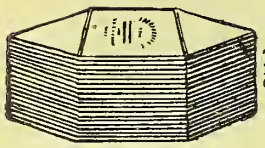

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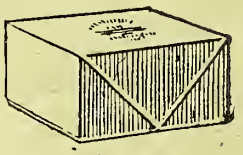

Children's *Page XI*

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, April 8.

South-East London Chemists' Association, Maitland House, Greenwich, at 8.45 P.M. Discussion on "Dispensing Charges: Face-Value: Minimum Profits."

Wednesday, April 9.

Pharmaceutical Society of Great Britain, North British Branch, 36 York Place, Edinburgh, at 8 P.M. Evening meeting. Mr. A. McCutcheon on "Some Highland Household Remedies"; Mr. J. W. Plenderleith "Precipitation of Alkaloids by Liquorice"; Mr. G. Elliott "Emulsion of Extract of Male Fern"; "Mr. Peter Boa "The Supply of Emergency Medicines"; Mr. J. Rutherford Hill "War Emergency Formulary and the Sale of Food and Drugs Acts."

Birmingham Pharmaceutical Association, Imperial Hotel, Temple Street, at 8.30 P.M. Discussion on "Pharmaceutical Organisation."

Portsmouth Pharmacists' Association, County Club, Kent Road, at 2.30 P.M. Mr. Hugo Wolff on "Pharmaceutical Topics."

Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, W.C., at 8.30 P.M. Mr. G. P. Forrester (late correspondent in Germany of THE CHEMIST AND DRUGGIST) on "The Internment Camp of Ruhleben." Ladies are invited.

Thursday, April 10.

Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, W.C., at 7 P.M. Whist-drive. Tickets (3*s.* each) from Mr. Amos Jones, 78 Long Acre, London, W.C.

North London Pharmacists' Association, Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, W.C., at 3 P.M. Address by Mr. Clement W. Ridyard.

London Chemists' Golfing Society, Pagani's Restaurant, Great Portland Street, W., at 7 P.M. Annual dinner. Tickets (8*s.* 6*d.* each) from Mr. G. F. Deeth, 40 Cleveland Park Avenue, Walthamstow, London, E. 17.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

War Regulations Altered.

Since the last list was published in THE CHEMIST AND DRUGGIST (March 29, p. 47), the following Regulations or Orders under the Defence of the Realm Act have been altered or suspended:

Price of Matches.—The Matches Order, 1917, and the Matches Order (No. 2), 1917, and the official schedule of manufacturers' and wholesale dealers' prices have been revoked.

Milk Imports.—The restrictions on the importation of condensed milk (other than canned condensed milk), dried milk, and sugar of milk have been removed.

P. 75 (*C. & D. Diary*), *Sodium Nitrate.*—The Nitrate of Soda Executive has been wound up. All communications relative to dealings in nitrate of soda, and any matters with which persons or firms were in communication with the Nitrate of Soda Executive, should now be addressed to the Department of Explosives Supplies, Ministry of Munitions of War, Storey's Gate, Westminster, S.W. 1.

Contracts.

The following tenders have been accepted by the bodies named:

Blackburn Town Council.—Booth & Openshaw, Ltd., The Sanitary Dry Lime Co., Adcocks, Jeyes' Sanitary Compounds Co., Ltd., Vulcan Disinfectant Co., Crossley, Lord & Co., Newton, Chambers & Co., Ltd., United Alkali Co., Ltd., and Germinol Products, Ltd., disinfectants, etc.

Cranbrook Guardians.—Mr. A. J. Gray, chemist and druggist, Hawkhurst, medical appliances.

Hemel Hempstead Guardians.—Mr. F. Isaac, drugs.

Merthyr Tidfil Guardians.—Mr. V. A. Wills, chemist and druggist, drugs, etc.

Portsmouth Guardians.—Burgoyne, Burbidges & Co., Ltd., drugs; C. Mumby & Co., Ltd., soda water; Robinson & Sons, Ltd., surgical dressings; Timothy White Co., Ltd., disinfectants.

Southampton Guardians.—W. Bates & Co., Ltd., medical requisites.

War-stores Charge.

At Salisbury, on March 25, Staff-Sergeant T. E. Pomeroy, Australian A.M.C., and Douglas John Biss, chemist's assistant, Salisbury, were charged with stealing drugs, value 90*l.*, the property of the Australian Army Medical Service. Mr. John Muir Martin, chemist and druggist, trading as Atkins & Son, Market Place, Salisbury, said he was acquainted with Biss and had known him for some years. He (Biss) was engaged for some time by the late Mr. Harrison, chemist and druggist. About March 7 Biss called at his shop and said something with reference to camps in the neighbourhood being cleared, mentioning that there was a large quantity of drugs for disposal. On the following day Biss again called at his shop and produced a list, which he said did not represent by any means the whole of the quantities of drugs for disposal. Witness put on the list the prices he was prepared to give for several of the items mentioned, and Biss took the list away with him on March 11. Two days later, on arriving at the shop for business, witness found that some drugs had been delivered, and subsequently Biss called and presented him with the bill (produced), and asked for payment of the amount. Witness told him he had not seen or checked the goods. Biss said the goods were all right, adding that he had checked them himself, but witness declined to pay until he had checked them. As soon as possible witness saw Mr. Gardner, of the Navy and Army Canteen Board, and in consequence of what he was told he communicated with the police. Biss called at the shop the following day for payment. P.-S. Hunt was present and cautioned Biss, who, in reply to inquiries, denied having had the goods in his possession or ever having seen them. Witness handed over the goods to P.-S. Hunt. Amongst the consignment was a tub containing 100 lb. of permanganate of potash and a drum containing iodine. After other witnesses had been called, the defendants were committed for trial at the Quarter Sessions, Biss being granted bail.

Birmingham.

An outbreak of fire occurred recently on the premises of Josiah Hardman, Ltd., manufacturing chemists, Aston.

Mrs. Barrow Cadbury has been elected President of the Sparkhill and Greet Maternity and Infant-welfare Centre.

Four heifers strayed into a shrubbery at Halesowen and were eventually found dead from the effects of eating poisonous herbs.

Mr. L. C. Tipper, Balsall Heath Drug Mills, has transferred his right of presentation to the living of Kingston-with-Dormston to the Bishop of Coventry.

Major Hamilton McCombie, well known as a chemical expert both at Birmingham University and in the First Army, has been elected a Fellow of King's College, Cambridge.

A suburban "G.P." has the latch-keys of six or more houses to which he goes to see the inmates—all down with the "flu." He says that notable features of the present epidemic are head and teeth troubles, and a persistent cough.

Saccharin, says a local humorist, has proved a bitter pill for the pharmacist; but he can use his surplus stock on mice, which "eat it readily." There is, or was, in existence a recipe for mouse-poison containing saccharin as the sweetener.

A prospective purchaser of some chemical at a local drysalter's a few days ago was told that the man who looked after the drug-room was away, and did not keep the casks labelled; consequently—and so forth. The keeper of the casks was, no doubt, a dry—wag.

Towards the special appeal in aid of the Birmingham General Hospital, Southall Bros. & Barclay, Ltd., have given 105*l.*; Chance Bros. & Co., Ltd., 100*l.*; Mr. G. S. Albright, 20*l.*; Cuxson, Gerrard & Co., Ltd., 15*l.* 15*s.*; and employés of Alfred Bird & Sons, Ltd., 18*l.* 14*s.*

The city analyst (Mr. J. F. Liverseege, Ph.C.) reports that of two proprietary articles analysed by his department during the past year one was finely ground sawdust (used as a substitute for grease for bakers' tins), and the other was a mixture of maize flour and Epsom salts (used as a "bread-improver").

Bradford.

Mr. George Savage (J. Savage & Co., Ltd., chemists) has given 500*l.* to equip an institute, by way of war memorial, in connection with St. Andrew's Church, at which he is well known as the teacher of a young men's class. From this class 120 have joined the Army, eleven of these having laid down their lives.

Liverpool.

Despite the cry of unemployment, the spending capacity of the public is surprising.

Demobilised and other young men have joined the Liverpool School of Pharmacy for the current session in considerable numbers.

On March 28 several pharmacies on Mersey-side were closed for the afternoon, "in order to allow the proprietor and assistants to visit the *Queen Elizabeth* battleship in the Mersey." It was a coincidence that the Grand National was run at Aintree the same afternoon, and that some faces on the stands closely resembled those familiar behind the counters of the aforesaid pharmacies.

The "Victory" dinner of the Liverpool Chemists' Association was attended by 120 guests, ladies being in considerable force. (The "record" is said to be 160.) When the "exhibits" of Dr. Murray Cairns were put up for sale, the Mayor of Birkenhead was the first buyer and Mr. W. H. Saunders (Ayrton, Saunders & Co., Ltd.) the second, 5*l.* being realised.

Manchester.

Dr. Henry Wilde, Alderley Edge, who died on March 29, was born in Manchester in 1833, and was the discoverer of several electrical processes and appliances, in addition to the original research in pure science standing to his credit. His methods of producing, regulating, and projecting electric light were utilised in connection with the navigation of the Suez Canal during the night. In 1878 he described some striking multiple relations among the atomic weights of the natural groups of elements. Dr. Wilde was subsequently engaged in experimental investigations in terrestrial magnetism.

Nottingham.

A strong agitation is being waged by the local branch of the Shop Assistants' Union against the tendency of some retailers, and especially the proprietors of multiple shops, to close later. A big demonstration is being arranged for.

Trade continues good, notwithstanding the decline of the influenza epidemic. Chemists labour under a considerable disadvantage, however, owing to the bottle difficulty. The proprietors of certain popular lines are unable to supply the demands of retailers.

Among the assistants now returning from active service is Mr. George Davie (Boots, Ltd.), who has been for some time past acting as a wireless operator on one of the British ships engaged in taking troops to guard the oil wells at Batoum. His experiences include being torpedoed in the Mediterranean.

Had the Nottinghamshire coal strike lasted much longer there might have been a serious epidemic in the city, for all the motor lorries used for the collection of refuse had been commandeered for the distribution of coal stocks in the poorer districts. The Corporation Health Department admits that the public scavenging was being seriously neglected.

Sheffield.

There has been a general falling-off in business this last week, and assistance is becoming quite plentiful.

Chemists here have great trouble in securing a supply of dispensing bottles; some have had to fall back upon second-hand ones.

Panel chemists are to receive the sum of 162*l.* 15*s.* 9*d.*, which has been deducted in excess over the requirements of the Pharmaceutical Committee during 1918.

The business of the late Mr. J. B. Pater has been purchased by Eardley & Furnival, together with the property; their present branch, a few doors away, is to be closed.

The friends of the late Mr. Newsholme will be pleased to see his daughter Kathleen, who is apprenticed with the old firm, selected for the council of the new Junior Association.

Miscellaneous.

Oil of Peppermint distilled from the plant grown on the sewage farm at Mayfield, Sussex, has been sold at 80*s.* per lb.

The Chung Hang Co. Dispensary, Canton, is removed from the list of persons to whom articles to be exported to China may be consigned, and the Tek Hua Dispensary, Swatow, is added to the list.

Poison-licence Application.—Mr. W. M. Blackwood, Wray Park Nursery, Reigate, has applied to the local authority for a licence to sell horticultural poisons.

War-bonus for Analyst.—The St. Pancras Borough Council, London, decided on March 26 to grant a war-bonus of 10 per cent. of his salary to Mr. J. K. Colwell, F.C.I., public analyst to the borough.

Charity Bazaar.—The employés of Robinson & Sons, Ltd., organised lately a two-days' bazaar at the Chesterfield Market Hall, in aid of the St. Dunstan's Hostel and the Y.M.C.A. Major Robinson opened the proceedings; 335*l.* was realised on the first day.

Sunday Opening Asked For.—At a meeting, on March 24, of the Irlam Urban Council, the General Purposes Committee reported that no local chemist was open on Sundays. It was decided to communicate with the Lancashire Insurance Committee with a view to hours being fixed for the Sunday opening of chemists' shops.

Medical Men and the "Trades-union Basis."—A branch of the Medico-political Union was formed at Blackpool on March 26, when a resolution was passed declaring it to be essential that the profession should be solidly and democratically organised on a trades-union basis to enable it to negotiate effectively with the Government.

Venereal Disease Clinics.—The Local Government Board has issued to local authorities a list of treatment centres for venereal diseases, which have been approved under Article III. of the Public Health (Venereal Diseases) Regulations, 1916. The list gives information as to the days and hours at which the out-patient clinics are open.

Fires.—A counter in the pharmacy of Mr. H. C. Brierley, chemist and druggist, Leyburn, was severely damaged by a recent outbreak of fire.—Through an unexplained cause, a bottle of ether "exploded" (a phenomenon reported in the lay Press as of frequent occurrence) on March 27 in the operating theatre of a London military hospital, no "serious effects" being recorded.—Damage was caused to a cellar beneath the shop of Battle, Son & Maltby, chemists, Lincoln, by an outbreak which occurred on March 27.

Inquest on Manufacturing Chemists' Manager.—An inquest was held at Leicester on April 1 on the body of Mr. Frederick Mouncher Tipping, a manager on the staff of John Richardson & Co. (Leicester), Ltd., manufacturing chemists, Friar Lane. The evidence showed that Mr. Tipping, who had been in the service of the company for thirty years, had recently been censured for a slip, and the incident had contributed to a depressed condition due, in the first instance, to the death of his wife. On March 30 his body was found in the Friar Lane warehouse, and

death was certified as due to poisoning by hydrocyanic acid. An open verdict was returned.

Assault in a Shop.—On April 1, a man in khaki walked through the shop of Constantine & Jackson, Ltd., chemists, 73 Red Lion Street, London, W.C., and struck the manager, Mr. Francis Dawson, on the head with a "life-preserver." The man, who had a companion with him, subsequently disappeared, having, apparently, taken nothing from the shop.

In the Courts.—At Blackburn Police Court, on March 31, John W. Richardson was charged with theft from the works of Woolley's, Ltd., manufacturing chemists, his employers. Mr. William Woolley, J.P., Chairman of the company, pleaded for leniency, and promised reinstatement. Richardson was fined 1*l*.—At the Old Bailey, London, on April 2, Raoul R. de Veuile was charged with the manslaughter of "Billie Carleton" and with conspiring with another to procure cocaine (*C. & D.*, March 15, p. 55). Evidence previously given in the lower Courts was repeated, and the case was continued on the following day.

Bequest to Royal Society.—In accordance with the wish of the late Dr. John Foulerton, his executrix and sole legatee has transferred to the Royal Society 20,000*l*. National War stock, the interest upon which is to be employed by the President and Council in making awards to students, especially younger ones, of sufficient amount to enable them to devote themselves, under the supervision and control of the President and Council, to original research in medicine, to the improvement of the treatment of disease, and the relief of human suffering. All awards are to be subject to the conditions that members of both sexes are to be equally eligible, and that every candidate must show that he or she, and his or her father and paternal grandfather, are of British nationality.

Poisonings.—An inquest was held at Deptford, on March 28, on the body of Norah I. McSweeney, an inmate of a local hospital. It was stated in evidence that the doctor who was to operate in the case had ordered 15 minims of laudanum. Miss K. McCulloch, dispenser, said that she put ½ oz. of it into a 1-oz. bottle. She did not put the quantity on the bottle. Miss Shirley, a sister-in-charge, stated that she gave the whole of it to the patient, thinking it had been prepared as a draught. She had never known tincture of opium sent to the ward undiluted. The Coroner suggested that the system required correction. A verdict of "Death from misadventure" was returned.—At Lambeth, London, a baby was given carbolic acid (in mistake for castor oil) by a child aged three, with fatal results.

Scottish News.

Scottish Chemists' Retail-price List.

The following are among the alterations in the Scottish Chemists' Retail-price List: *Drugs.*—Amidol, 8*d*. dr.; cold cream, 5*d*. oz.; ext. casc. sag. liq., 6*d*. oz.; glyc. aq. rosæ (1-3), 3*d*. oz.; glyc. boracis, 6*d*. oz.; hennæ pulv., 6*d*. oz.; juniper bacc., 2*d*. oz.; ol. citronellæ, 7*d*. oz.; ol. geranii gal., 1*s*. 2*d*. dr. *Packed Goods.*—Cod-liver oil, 12-oz. bot., 3*s*. 3*d*.; glycerin, 1½-oz. bot., 8*d*. *Proprietaries.*—Clarke's Blood Mixture, 2*s*. 6*d*. and 9*s*. 6*d*.; Rose's Lime Juice, 1*s*. 11*d*.; Williams's Shaving Stick (nickel case), 1*s*. 3*d*.

Brevities.

The famine in certain proprietary foods continues.

Mr. G. Dyet, chemist and druggist, Callander, is opening a branch shop at Dunblane.

One or two wholesale houses are scoring by giving their customers the benefit of quick despatch.

Mr. Walter M. Ferrier, chemist and druggist, has acquired the business of the late Mr. John Freeland, Bathgate,

Business in some rural pharmacies shows a great advance on that of old days. A former employé of a country chemist learned the other day that the old pharmacy's average takings are now five or six times greater than formerly, while the population is just about the same. It remains with the chemists to keep quondam city purchasers' custom when normal conditions return.

The death of Sir Simon Macdonald Lochart of Lee, Lanark, recalls the fact that one of his ancestors, in the course of an expedition, captured a Saracen emir, part of whose ransom was the stone which gave the title to Scott's novel, "The Talisman." This stone is set in a silver coin of the reign of Edward I. It is famous as the "Lee Penny," and has a reputed charm against diseases of cattle, hydrophobia, and other ailments of man and beast.

Edinburgh.

It is understood that another well-known Edinburgh business is on the market.

Mr. Harkness, of Harkness, Beaumont & Co., wholesale druggists, has resumed business after his illness.

The police advise owners of small businesses to beware of till-snatching, which is rather prevalent at present.

Mr. M. Harper, chemist and druggist, Gilmore Place, has closed his pharmacy, and is disposing of his shop-fittings.

Most chemists appear to be amazed regarding the lengthy procedure that ushers in seven o'clock closing. Objections to the Order (which is published textually in the local Press) may be lodged at the Scottish Office, London, within one month from March 25.

Fife.

Mr. D. Leadbetter, chemist and druggist, Lochgelly, has been appointed a member of the Council of the local Angling Association.

A few Fifeshire chemists are, apparently, still ignoring the official request to forward all Insurance scripts monthly. At any rate, a special appeal has been issued on this matter by the County Clerk.

At a recent meeting in Buckhaven, called to consider proposals for a local war memorial, that of Mr. William Smart, chemist and druggist, was approved and adopted. The memorial is to take the form of recreation rooms. Mr. Smart is taking a leading part in the formation of a local section of the Federation of Discharged Soldiers and Sailors. He is also a candidate for an electoral division of the Fife Education Authority.

Glasgow.

Mr. T. McKinnon, pharmacist, Govan, has opened a branch business at Renfrew.

Mr. A. Stephenson, Glasgow, who has represented Blake & Mackenzie, medical-label printers, Liverpool, for many years, has severed his connection with this firm and is taking up agencies.

Irish News.

Brevities.

Mr. Houston Lancashire, Ph.C., Ballymena, is taking an active part in the formation of a Chamber of Commerce in that town, where he is Chairman of the Urban Council.

The Patrick Street premises of the Cork Chemical and Drug. Co. will be open in future on Sundays between the hours of 10.30 A.M. and 2 P.M., and 6 P.M. and 9.30 P.M.

At Limerick Petty Sessions, on March 29, Mr. J. Fitz-Gibbon, chemist, O'Connell Street, Limerick, was fined 2*s*. 6*d*. and costs for selling lime-water which was not of the required standard, as certified by Sir Charles Cameron.

On March 29, at Cavan Petty Sessions, Peter Casey was charged with maliciously breaking a plate-glass window, value 15*l*., in the Medical Hall of L. & R. O'Connor, Main Street, Cavan, on February 25. Thomas Higgins, assistant, stated that he had refused to sell to the accused methylated spirit. The prisoner was committed for trial at the Quarter Sessions.

Belfast.

Mr. R. Andrew, M.P.S.I., Belfast, presided at the opening of a bazaar, on March 28, in aid of the funds of Clifton-park Congregational Church.

The Rev. Charles Davey, a well-known Presbyterian minister, who died recently in Belfast, was married to a cousin of Mr. John Beatty, Ph.C., Clones.

The sentence of death passed on Dr. Nathaniel McConnell for the murder of Mary Reid by an illegal operation (*C. & D.*, March 29, p. 50) has been commuted to one of penal servitude for life.

At the Belfast Police Court, recently, Elliott, Thompson & Blair, wholesale druggists, 12 and 14 Corporation Street, were fined 5*l*. and costs for selling half a barrel of pickled herrings at a price exceeding the maximum.

The annual meeting of the Ulster Drug Trade Association, postponed through the recent city strike and the negotiations with the assistants, has been fixed for April 9. It has been decided to change the name of the Association to the Ulster Retail Drug Trade Association.

Recently, at the Belfast Assizes, Rachel Harrison, Skegonial Avenue, Belfast, brought an action to recover 150*l*. from the Sulphate of Ammonia Association, London; and John Irwin, Killycomain Road, Portadown, for personal injuries and for the repair of a bicycle and clothing, damages which were alleged to have been caused by the

negligence of Mr. Irwin in the driving and management of a motor-cycle, the property of the Sulphate of Ammonia Association. During the trial it was intimated that the action had been settled on the terms that the defendants pay plaintiff 50*l.* damages and 90*l.* costs.

At Belfast Assizes, which opened on March 27, before Mr. Justice Moore and a jury, Alexander Frew, licensed hotel proprietor, Londonderry, sued Hugh Marshall & Co., Ltd., chemists, Belfast, to recover 85*l.* 6*s.* 10*d.* damages for alleged breach of contract and fraud in respect of the sale of port wine. Plaintiff alleged that he contracted to purchase port wine. The evidence showed that plaintiff's son bought for him on two occasions three quarter-casks of port wine from a man named Bennett, manager of the Ballywalter Hotel. On the second occasion the cheque was made payable to the defendants. It was afterwards discovered that the port was British mineral wine, purchasable anywhere, and worth only 8*l.* to 10*l.* the quarter-cask. The port was subsequently auctioned and realised only 27*l.* 16*s.* 2*d.*, plaintiff thus losing the amount of the claim. Counsel for the defence stated that port could not be bought for the price paid, and admitted it did not come from Portugal. Plaintiff alleged that the preparation was composed of water, tartaric acid, and logwood. Mr. Joseph H. Totten, public analyst, said that, in his opinion, there was a little genuine port in the first sample, but none in the second or third. This wine contained only 22.7 per cent. of proof spirit as against 26 to 38 per cent. in genuine port. For the defendants, Bennett was stated not to be their agent, and that it was not port wine but British red wine they had sold. Bennett said he had not represented himself as defendants' agent. His Lordship said the jury had limited the liability of the defendants to the subject-matter of the second transaction. There would be judgment for the plaintiff on the findings for 58*l.* 3*s.* 7*d.*, with costs. He certified for discovery for each party. Counsel for defendants was permitted up to the second day of next sittings to move for any judgment or for a new trial.

Ministry of Health Bill.

A deputation representing the Royal College of Surgeons in Ireland, the Royal College of Physicians in Ireland, and other medical bodies, as well as the Apothecaries' Hall of Ireland and the Irish branch of the British Dental Association, was received at Dublin Castle by the Chief Secretary for Ireland, Mr. Ian Macpherson, M.P., for the purpose of laying before him their views on the proposal to establish a Ministry of Health. Dr. Joseph O'Carroll, President of the Royal College of Physicians, presented a memorandum of the views of the delegates, which contained, among others, the following statements and suggestions: That all medical bodies are unanimous in believing that a Ministry of Health, with a Minister responsible to Parliament, should be established in Ireland at once, such a Ministry to have full powers and be such as to command the confidence of the public and of the medical profession; that the constitution of the Ministry should be (*a*) a Minister responsible to Parliament, and (*b*) a Council with full powers to control policy; and that the Council should consist of three groups: (1) representatives of the County Councils, say one for each Province—four, (2) medical members to be elected by the medical profession of the county, and (3) four members to be appointed by the Government, one of whom shall be a medical practitioner and one a dentist. The Chief Secretary, replying to the deputation, stated that if they could secure the unanimous support of the public and the profession for any scheme of health reform he might then be prepared, in consultation with his Council, to consider such a scheme, and, if approved, to introduce legislation to carry it into effect.

The Dublin "Freeman's Journal" has published an interview on the subject of the Ministry of Health Bill with Mr. John Smith, Ph.C., Terenure Road, Rathgar, Dublin, past President of the Pharmaceutical Society. Mr. Smith said that a conference of all parties interested in health administration in Ireland is essential in order to arrive at a proper understanding in this matter. He considered that there should be an entirely separate Bill for Ireland, and that the problem should be tackled at once. The pharmacist, he said, is a very important unit in the scope of medical health, but up to the present he had not got the position he is entitled to. It is generally assumed that the medical profession embraced pharmacy, but that has been shown in late years to be a popular fallacy. Mr. Lloyd George was the first to admit that as he pointed out, under the National Insurance Act, the duty of the medical man is to prescribe the medicine and that of the pharmacist is to dispense it. It is absolutely necessary that this distinction should be made, and the Ministry of Health Bill should provide for it. "I also consider," Mr. Smith proceeded to say, "that a proper supply of medicines and medical and surgical requisites is important and absolutely necessary for the success of any Ministry of Health Bill. In order to ensure that, the pharmaceutical profession should have representation on the Council and Committees set up in connection with it, I would go further and say that where a medical man is appointed to look after the interests of medicine, a pharmacist should also be appointed to look after the question of a proper supply of the requirements that the medical profession need. The proper equipment of public dispensaries in connection with hospitals and unions is another important matter. That also applies to equipment for sanatoria. I know from experience that some of the hospital pharmacies were never in a satisfactory condition until they were placed under the charge of a pharmacist. The rest of the staff were never in a position to develop them or give the service that the hospital authorities were entitled to. I believe all these things could be made right and properly developed under the new Bill."

Drugs and Surgical Appliances Contracts.

The following tenders have been accepted by Irish Boards of Guardians (except where otherwise stated) for the supply of medicines and surgical appliances for the ensuing year:

—	Drugs.	Surgical Appliances
Athy	Boileau & Boyd (Dublin), 10½%	J. Clarke & Co. (Belfast), 16½%
Ballinrobe ...	Boileau & Boyd, 10½%	Adamson & Co. (Ballina), 12¾%
Bawnboy ...	Robert Burn (Ballinamore), 15%	J. Clarke & Co., 15¼%
Cavan	Sumner & Co. (Liverpool), 17½%	J. Clarke & Co., 18%
Clonmel	Sumner & Co., 22½%	—
Cork	Cork Chemical & Drug Co.	Fielding's Pharmacy
Dundalk	J. Clarke & Co., 18½%	Sumner & Co., 22½%
Dunshaughlin ...	Boileau & Boyd, 7½%	J. Clarke & Co., 15¾%
Granard	Boileau & Boyd	Boileau & Boyd
Kilmallock ...	Boileau & Boyd	J. Clarke & Co.
Kinsale	Sumner & Co., 17½%	Boileau & Boyd, 10½%
Lisburn	Sumner & Co.	J. Clarke & Co.
Macroom ...	Cork Chemical & Drug Co.	Boileau & Boyd
Mallow	Sumner & Co., 22½%	Fielding's Pharmacy (Cork), 13%
Shillelagh ...	Boileau & Boyd, 10%	J. Clarke & Co., 15¾%
Skibbereen ...	Cork Chemical & Drug Co., 15%	Fielding's Pharmacy, 13%
Sligo Co. Infirmary ...	Boileau & Boyd, 7½%	Boileau & Boyd, 10½%
Waterford ...	Boileau & Boyd, 15%	—
Youghal ...	Cork Chemical & Drug Co., 15%	Clarke & Co., 15¾%

The contract of Adamson & Co. (Ballina) for surgical appliances was accepted by the Ballinrobe Guardians, although the tender of another firm was lower. It was stated that the firm referred to had failed to give satisfaction previously. The Athy Guardians awarded the contract for drugs to Boileau & Boyd, Ltd. (Dublin), although the tender of Sumner & Co. (Liverpool) was lower. It was suggested that it was more convenient to get medicines from Dublin. The award was made subject to approval by the Local Government Board. The Clonmel Guardians accepted the lowest tender, that of Sumner & Co. (Liverpool). The questions of difficulty in the way of delivery and of giving preference to Irish manufacturers were raised, but the Clerk pointed out that the difference would be 40*l.* to 50*l.* in the half-year, and the Local Government Board would refuse to grant the rebate unless the lowest tender was accepted. J. Clarke & Co. (Belfast) explained to the Dundalk Guardians that delay in the delivery of consignments of medicine was due to the depletion of the staff, mainly through illness, to early closing of the premises in compliance with Government orders, and interruption of business caused by the recent strike in Belfast.

British Industries.—Any steps taken in Great Britain to promote the chemical industry on a large scale are followed with considerable interest in Continental countries in which the manufacture of chemicals has of necessity during the war received greater attention than was formerly the case, and especially in countries which, formerly dependent on Germany for chemicals, now possess a flourishing chemical industry. The interest in England's efforts to extend her chemical industry is reflected in the practically complete reproduction in the Dutch "Pharmaceutisch Weekblad" of Mr. S. W. Woolley's paper, read before the Leeds Chemists' Association, on "New British Industries."

Pharmaceutical Society of Great Britain.

Council-meeting.

A meeting of the Council was held on April 2 at 16 Bloomsbury Square, London, W.C. The President (Mr. W. L. Currie) was in the chair, and all the members were present with the exception of Mr. E. White, who is abroad.

The minutes of the special meeting held on March 26 (*C. & D.*, March 29, p. 62) were read and confirmed.

The late Mr. S. R. Atkins, Salisbury.

The President said that before the business of the meeting was proceeded with he desired to refer to the death of Mr. S. R. Atkins, of Salisbury, one of the Past-Presidents of the Society, who passed away on March 26 at the ripe age of ninety-one. By his death another link with the past is severed. A man full of years and of ripe experience, Mr. Atkins was known to most of the Council. Personally, he had frequent opportunities of meeting him at the Council table, and at British Pharmaceutical Conferences, where intercourse with him was always enjoyed by those who were privileged to have it. That was the day of the funeral, and it was rather unfortunate that no one could represent the Council on the occasion. He took the opportunity of sending a telegram that morning expressing the Society's sympathy with Mr. Atkins' family, and also regret that the Council had been unable to send an official representative to the funeral. It was not his intention that morning to say much more regarding Mr. Atkins. An opportunity of saying more would be afforded him at the next meeting, when a resolution regarding the great loss to pharmacy which that gentleman's death involved would be proposed.

Mr. Young, as the oldest member of the Council, remarked that Mr. Atkins was a charming gentleman and a splendid speaker. Those who were privileged to hear him used to call him the silver-tongued councillor. He was not quite sure that Mr. Atkins was ever particularly constructive, but he was always a peace-maker and a most lovable man. He hoped to have the opportunity of saying more about him at a future meeting.

Nominations for Council.

The Secretary reported that ten nominations had been received for the seven vacant seats on the Council, and that the following nominees had expressed their willingness to accept office if elected:

Currie, Wm. Little, Glasgow.
Deakin, John William, Northwich.
Gifford, Richard Lord, Blackburn.
Hagon, Albert, Cardiff.
Parry, Lewis Moreton, Liverpool.
Skinner, Herbert, London.
White, Edmund, London.

The following had not expressed their willingness to accept office:

Humphrey, John Thurlbeck, London.
Ridley, Thomas, Carlisle.
Ridyard, Clement Wm., Codnor.

There will thus be no contested election this year.

The following were nominated for election as auditors, and had expressed their willingness to accept office if elected:

Francis, George Bult, London.
Gibson, Wm. Humphrey, Brighton.
Hills, James Stuart, London.
Lescher, Thomas Edward, London.
Millard, Edgar James, London.

Elections and Restorations.

It was agreed by formal resolution that 38 persons be elected members of the Society, that 100 be elected student-associates, that 2 be restored to the Register, and that 20 be restored to the Society. The Secretary announced that since last meeting he had registered 111 persons as apprentices or students, and that an additional manuscript list of names was before him.

Correspondence.

The Secretary announced receipt of a letter from the Society of Chemical Industry expressing the hope that the Pharmaceutical Society would send a representative to assist a Committee that had been formed to consider the whole question of the standardisation of laboratory glassware. The Secretary mentioned that as there was no opportunity to have the matter promptly brought before the Council, and acting upon instructions received from the President, he wrote the Society named, stating that Mr. Mallinson would attend the meeting of the Committee on March 24, pending the appointment by the Council of a permanent representative. Mr. Mallinson, reporting upon his attendance at the meeting of the Committee, stated that the discussion turned entirely upon the sizes and capacities of glassware used in laboratories, and that the future work of the Committee would be to decide upon the sizes that would be used by chemists in laboratories. The Committee did not touch the side of commercial glassware, nor would they deal with it. It was agreed that Mr. Mallinson be instructed to continue to act as the Society's representative in the capacity indicated.

A letter was read from the University of Durham enclosing syllabus and certificates of examinations that had been altered, and making formal application for the new examinations to be accepted by the Society in lieu of the old. The letter and enclosures were referred to the School Committee.

The British Pharmaceutical Conference Sub-Committee appointed to make the arrangements for the social events in connection with the annual meeting, to be held in London on July 21 to 24, wrote inviting the Council to nominate two or three of its members to co-operate with the Sub-Committee. The communication stated that the following members of the Council were already on the Sub-Committee: Miss Buchanan and Messrs. Keall, White, Melhuish, and Skinner. The Secretary thought there was no particular hurry in the matter, and the appointment of representatives to the Sub-Committee might be deferred till next meeting. Apparently members of the Council are already co-operating with the Sub-Committee. Mr. Skinner explained that the Conference was to be held in London this year instead of at Liverpool, and a large amount of work would be thrown on the Reception Committee in order to make all the provision necessary for the success of the meeting. The members of the Council at present on the Conference Sub-Committee were appointed by the Conference Executive, and the object of the letter was to bring on to the Sub-Committee all the members of the Council resident in London so as to make it complete. The desire of the Conference Executive was to make this year's meeting a big success, and not to come below the standard set up in 1913. The President regarded it as necessary that additional representatives of the Council should at once be appointed to the Sub-Committee, as a meeting of the Conference Executive was to be held the following week. On the proposition of Mr. Skinner, it was agreed that the other members of the Council resident in London should be asked to serve on the Sub-Committee in the way indicated.

A resolution passed by the Devon Pharmacists' Association asking the Council to resist the proposal that apothecaries' assistants should be admitted to the Register of Chemists and Druggists was read.

The Secretary intimated receipt of a communication from the British Prisoners of War organisation with reference to the education scheme for the benefit of repatriated soldiers. The gist of this, he said, was that it had been found that whilst in some cases concessions were made to men who had served in the Forces, repatriated civilians were being treated as ordinary civilians. The letter suggested that civilian prisoners who had been repatriated might be treated on an equal footing with the military repatriated prisoners. It was agreed that the letter should be referred to the Committee dealing with the subject.

It was also stated by the Secretary that a letter had been received from the National Insurance Commission for England thanking the Pharmaceutical Society for the valuable service it had rendered that Department in connection with the measures necessary for the maintenance of the supply of drugs and medicines during the war.

A letter was read from the West Riding County Pharmacists' Association enclosing copy of a resolution passed by that body to the effect that the present was an opportune time to frame regulations to restrict all dealings in poison substances to registered persons. This was referred to the Law Committee.

A letter was read from the Sheffield Pharmaceutical and Chemical Association expressing regret that the Society had made no provision for the appointment of Divisional Secretaries throughout the kingdom in their plans for reconstruction in the future. It was agreed that the letter be referred to the Local Associations Conference.

Finance Committee.

The financial statement for the month showed that the receipts under the General Fund, including a balance at the last meeting of 2,932*l.* 5*s.* 5*d.*, had amounted to 7,824*l.* 6*s.* 4*d.* They included the following items: Penalties and costs, 33*l.* 2*s.*; "Journal" and publications, 86*l.* 13*s.* 11*d.*; registra-

tion fees, 226*l.* 16*s.*; restoration fees, 2*l.* 2*s.*; school fees, 15*l.* 15*s.*; subscriptions, 3,528*l.*; and examination fees, 999*l.* 12*s.* After deducting payments authorised at last meeting amounting to 1,951*l.* 17*s.* 1*d.*, there was a balance of 5,872*l.* 9*s.* 3*d.* The other balances were: Benevolent Fund (current account), 541*l.* 10*s.* 1*d.*; Benevolent Fund (donation account), 75*l.* 13*s.* 7*d.*; War Auxiliary Benevolent Fund, 3,355*l.* 5*s.* 1*d.*; and Orphan Fund, 127*l.* 15*s.* 6*d.*

The report of the Finance Committee of April 1 recommended that the loan from the bank of 2,000*l.* to the General Fund be repaid, and that 2,000*l.* be placed on deposit on the same account. Accounts amounting in the aggregate to 1,539*l.* 4*s.* 11*d.* were recommended to be paid by the Treasurer.

The Treasurer, moving the adoption of the report, stated that there should be an alteration in the recommendation of the Finance Committee relative to the repayment of 2,000*l.* This should read that the loan of 2,000*l.* from the War Auxiliary Benevolent Fund to the General Fund should be repaid. In looking at the financial statement, he said, it would be observed that there was a substantial balance of 5,872*l.* Without making too much of the fact, he had to point out that at the corresponding period of last year the subscriptions received amounted to 6,806*l.*; this year 7,448*l.* had been paid. This was a great increase. Then again, last year the registration fees received amounted to 347*l.*, whilst the amount derived from this source was 1,008*l.*—a very substantial increase.

The Vice-President formally seconded the motion for the adoption of the report.

Mr. Cuff inquired if the increases in receipts mentioned by the Treasurer meant that the payments this year had been made earlier.

The Treasurer replied that he thought it was.

Mr. Rowsell remarked that they previously borrowed from the War Auxiliary Benevolent Fund at a lower rate of interest than would have been charged by the bank, and had now repaid the loan with that interest, and yet it was considered that they were not doing good business in so borrowing.

The Treasurer said the loan was only a temporary one. They borrowed from the Fund instead of from the bank at a cheaper rate.

Mr. Rowsell: That absolutely clears up my point.

Mr. Wolff said he desired to raise one point. He noticed there was an omission from the statement of accounts. Under the heading "Receipts" there was no note of money received from the Local Associations Executive. On no occasion had he ever seen, under "Receipts since last meeting," any mention of a sum of money having been paid over from that source. His reason for raising the point was that the Chairman of the Finance Committee was himself unable to explain how the sum of money received from the Local Associations Committee would be passed over, and obviously he (Mr. Wolff) would have considerable difficulty in passing accounts if, up till now, the Committee had seen no record of the payment.

The Treasurer replied that the answer to Mr. Wolff's question would have to be clearly defined, and he was to ask that gentleman to defer the matter until after the Local Associations Conference. It was absolutely necessary that the Council should know where they are in the matter, and everyone would be very glad indeed to see the point cleared up as to whether the amount referred to belonged to the General Fund or to some other body.

Mr. Sargeant stated that the amount which the L.A.E. paid to the General Fund of the Society from their fund was an annual one, and would appear in the annual balance-sheet. Payments for rent from the L.A.E. had been in previous balance-sheets, but payment in respect to salaries had not yet been made, but would be made.

Mr. Hines asked if the balance-sheet of the L.A.E. did not come out in February.

The Secretary stated that the accountant's branch of the office had been so fully occupied during the last two months that the professional audit of both accounts had only taken place within the last few days. It was true that in one case the Society's General Fund run from January to December, whereas the L.A.E. account was made up from February to February. The L.A.E. had passed a recommendation on the previous day to make their account run in future years coterminous with the accounts of the Society.

Mr. Wolff said that if the end of the financial year had arrived, and the monthly statement of the Finance Committee contained no mention of any payment from the L.A.E., if payment had actually been made to the Society the amount must surely appear somewhere in the accounts. What the Local Associations Conference was going to do did not affect them at all. The point was, if the Society received the money where did it appear in the accounts?

The Secretary replied that the question was not that of the Society having received the money; they had always received it. It was a question of accountancy. The annual balance-sheet would show what had been debited and credited to a particular account.

Mr. Wolff assured the Council that in raising the point he did he had no desire to waste time. He simply desired to know when the item he referred to would come before the Finance Committee. Since last June he had watched for but failed to find any mention of it in the accounts.

Mr. Sargeant explained that the annual accounts of the L.A.E. were passed the previous day, and would in due course come before the Finance Committee. The money to which Mr. Wolff referred would be paid over next month.

The report was adopted.

Industrial Council for the Drug-trade.

The Secretary read the report of the Local Associations Executive relative to the formation of an Industrial Council. The following were its recommendations:

(1) That the Society's organisation should be used for providing the representation of employers in connection with an Industrial Council or other national organisation set up to deal with wages or conditions of employment in the retail drug-trade.

(2) That, without prejudice to any unions now catering for assistants, and in view of the difficulty of those unions securing an adequate membership in sufficient time for representation on the proposed Industrial Council, the Pharmaceutical Council be advised to take immediate steps to encourage the formation of a National Association of Assistants, with district branches, for the purpose of securing representation on the Industrial Council of those not at present covered by the unions. That to that end a series of conferences of assistants in retail pharmacies should be held in a number of centres in the country.

Mr. Wolff asked what was the precise meaning of the word "retail" in the concluding line of the first recommendation. Was it to be taken as meaning that the report cut out the wholesale section altogether?

The President: It says retail, doesn't it? Retail doesn't mean wholesale, I should think.

Mr. Wolff: Then I would move this point as an amendment: to cut out the word "retail" in the last line.

Mr. Parry: But you can't.

Mr. Wolff: Surely, Mr. President, we can do so if we chose. We are of opinion that the organisation we are to bring about should include the wholesale as well as the retail section of the trade.

The Secretary: Mr. Wolff was not present at the meeting of the L.A.E., but if he looks at the preceding paragraph he will see that what was referred to the L.A.E. was to ask whether the organisation could be used for pharmacist employés. The whole point was how the pharmacist employé was to be organised for the purpose of the Industrial Council, and all the report deals with the pharmacist employés. That is what is meant there by retail assistants' organisation. No one contemplates that it should be used for the wholesale section of the Industrial Council.

Mr. Wolff pointed out that his question arose in relation to the position of wholesale firms owning a number of retail shops.

The Secretary: Wholesalers *quo* owners of retail businesses would have the same position in the organisation as the other owners of retail businesses. *Quo* wholesalers, if they can satisfy, by their contracts, that they are wholesalers, will be represented in the wholesale section; they will also get representation *quo* wholesalers through the wholesale section.

The first recommendation in the report was then agreed to.

Mr. Sargeant moved the adoption of the second recommendation.

Mr. Skinner remarked that he had a great lot to say regarding the recommendation. He intended to oppose it *in toto*. He had endeavoured to make it clear the previous week that if they began interfering with the organisation of assistants they would be treading on dangerous ground. As a Council they could not touch the question without prejudicing it. The recommendation started with the words, "without prejudice to any unions now catering for assistants." He wished them to realise what this meant. At the present time there were a number of unions catering for them, and he knew that if the Council began to interfere in their work of organising pharmacy assistants it would mean that a certain amount of favouritism would be given to one union, and that was not their union. He need not hide the name of the union to which favouritism would be shown; he alluded to the National Warehouse and General Workers' Union. That was the feeling among retail pharmacists, and that feeling was going to throw together the other two unions that catered for assistants in opposition. The consequence would be that if they began to

interfere in the way suggested by the recommendation, they would split the unions into two sections and throw them into antagonism. He was, to a certain extent, in sympathy with the Committee in desiring to set up an Industrial Council. He desired to see adequate provision made for dealing with wages, conditions of labour, and so on. Industrial Councils scarcely provided for dealing with these matters without a good deal of talking over the matter, and under the circumstances the assistants were very sympathetic towards the Trade Board idea. If they were going to set up another organisation—in the recommendation it was called a national association of assistants—it was obvious that on April 24 his attitude would be clear. He desired no antagonism with the Council; it was rather his wish to work in sympathy with them, but if he was forced into a position of antagonism to the Council he was bound to accept it. He would not stand by and see the assistants' union split in two. He made the suggestion the previous week that it was a mistake to proceed on the lines of an association for making an employés' section. Having considered the whole question fully for a week, and debated it with some people intimately connected with the proposal, he repeated that it would be a mistake to adopt the suggestion. They had a chance of helping the assistants to realise the necessity for organising themselves, but if they tried to do this for them they would only prejudice the case with the unions. There was not the slightest doubt that the unit which they should have approached was the Pharmaceutical Committee, the Secretary of which had a separate and complete list of the assistants in the respective areas throughout the country. The Secretary of that Committee could do the work without prejudice, because the assistants had confidence in the work which he did for them in connection with the Military Service Act. He would not prejudice the case as they would. If they sent Mr. Glyn-Jones to various parts of the country telling the tale to the assistants, he might succeed, but his success would only be temporary. It would mean a constant and incessant fight between their association and the unions already established, and if they thought this course made for peace, he was afraid he must differ with them. It would not make for peace; it would make absolutely for a trade war, and that was why, personally, he was absolutely opposed to the recommendation, and why he would continue to oppose it.

Mr. Deakin, in formally seconding the adoption of the report, asked Mr. Skinner the question whether he was of opinion that the Union connected with the drug-trade, his own organisation to an extent, would be sufficient, with the help of the Pharmaceutical Committees throughout the country, to get into an organisation those who are not already in. He asked this because the point of the recommendation was to deal with those men who were not already in any organisation. Did Mr. Skinner think that the organisation referred to would be sufficient to combine all these?

Mr. Skinner: Yes, I do, absolutely. He referred to a meeting, which was to be organised for the following Sunday, and stated that their principal difficulty was that they did not know all the assistants round about. It was a difficult task to send round to the individual shops. He would prefer to get the list of assistants from the Secretary of the Pharmaceutical Committee. He did not wish to approach employers in any shape or form, because it would only prejudice their case. He confined himself to assistants, and all he asked was that the Council should not interfere with their organisation. They could do all that was required through the Secretaries of the Pharmaceutical Committees, who had the sympathy of the assistants and of the Conference.

The Vice-President was of opinion that the proposal was simply that the retail assistants should form a union of their own because they knew their own conditions better and could not mix up with one which combined other sections. He thought Mr. Skinner ought to say definitely whether it was a fact that they did not desire a union of their own but preferred to join a union which combined other sections. He thought the whole issue hung on that point.

Mr. Guthrie thought that the whole object of the recommendation was to speed up the organisation of the assistants, and that so far from hindering would rather help Mr. Skinner's movement.

Mr. Wolff remarked that so far as he could interpret Mr. Skinner's remarks that gentleman's desire was that in order to be effective a union should represent other sections of the trade besides the retail assistants. So far as he could see the object of the Ministry of Labour was to have an Industrial Council for pharmacy that would be representative of every section.

The Secretary, in response to a request from the President, stated that so far as pharmacy assistants are concerned probably 90 per cent. of the total number are not connected with any union or organisation. The L.A.E. had carefully refrained from expressing any opinion as between the unions referred to by Mr. Skinner. None realised more than the L.A.E. the danger of their taking sides as between the unions, and any facilities which the Secretary of the Pharmaceutical Committee gave to one union he must also give to another, otherwise there would be trouble, and it would be said he was working in the interests of one union. The recommendation simply committed the Council to calling the assistants together and telling them that for the purposes of the Industrial Council there must be a body to represent them on that Council. Replying to Mr. Wolff's point, the Secretary stated that the Industrial Council would undoubtedly represent the whole industry. Although Mr. Skinner's union might, at the moment, be in favour of a Trade Board as against an Industrial Council, he thought it very doubtful indeed, if the position were explained to assistants, whether they would like a Trade Board and not an Industrial Council.

Mr. Hines said that with perfect courtesy he did not like the idea of the Secretary making a speech in support of the recommendation. What that gentleman had said was not of the nature of an explanation, but was a speech in opposition to Mr. Skinner. He pointed out that for a long time past Mr. Skinner had been engaged in providing an organisation to represent pharmacists of all sections, but now the Council was seeking to set up an opposition body. This course of action he regarded as entirely wrong.

Mr. Skinner reminded the Council that they were proposing to deal with a body of men and women many of whom were unqualified. He was as much opposed to the idea of shepherding assistants into the union with which he was identified as he would be to Mr. Glyn-Jones shepherding them into another.

The adoption of the second representation was, on a show of hands, agreed to by a considerable majority. Messrs. Skinner, Hines, and Wolff were the only members who opposed it.

Income Tax.

The report of the Local Associations Executive also contained a recommendation that a letter be sent to the Secretary of the Income-tax Commission suggesting that as co-operative associations have been given representation on the Commission provision should also be made for representatives of other interests through the Association of Chambers of Commerce or the National Chamber of Trade.

This was all the public business.

A Pharmaco-Journalistic Romance of Lille.

How a newspaper was secretly published in Lille during the German occupation, thanks to the courage of a pharmacist, with the collaboration of some of that town's distinguished scientists, is revealed by M. Henry de Forge in "La Meuse." Shortly after the occupation of Lille, a pharmacist of Roubaix, M. Williot, conceived and carried out the idea of clandestinely publishing a small newspaper, to which he gave the name of "La Patience." It contained at first merely the French official communiqués, which were intercepted by a secret wireless plant erected by M. Pinte, a professor at the Technical Institute. Later, Dr. Calmette, the well-known scientist, assisted by M. Dubar, organised a supplement to "La Patience," called "Journal des occupés inoccupés," which contained abstracts of British and French papers taken up from the Allies' wireless communiqués. The first number of "La Patience" appeared on February 16, 1915, and was published and printed in a cellar; at first it appeared three times a week, but became a daily in 1916, when it was enlarged, and it published maps and drawings. The compositors and printers themselves distributed the paper, for which there was a great demand. The Germans were extremely keen to suppress it, and indeed it became necessary, in order to mislead them, to change the name of the paper to "L'Oiseau de France," a paper supposed to be brought by aviators! Under the last-mentioned title the paper continued to flourish, until one day M. Pinte and the girl who attended to the wireless apparatus, Mdlle. Nollet, were denounced and arrested. M. Williot, nothing daunted, continued the issue of the paper under another new name, "La Voix de la Patrie," until fate also overtook him, and he was denounced and arrested with all his collaborators. The court-martial was held at Roubaix on April 10, 1917, when MM. Williot, Dubar, and Pinte were condemned to ten years' and Mdlle. Nollet to two years' imprisonment; now, after nineteen months, they have returned to France.

Legal Reports.

Sale of Food and Drugs Acts.—At Hull Police Court, on March 28, Thomas William Agar, chemist and druggist, 177 Newlands Avenue, was summoned for having sold, by his agent, Robert Agar, chemist and druggist, paregoric deficient in alcohol to the extent of 6.4 per cent. by volume. Mr. Hugh Farrell watched the case on behalf of Lofthouse & Saltmer, Ltd., wholesale druggists. The Hull City Analyst (Mr. A. R. Tankard) stated in evidence that the sample sent him contained only 49.6 per cent. of alcohol by volume. Cross-examined, he said that, provided the conditions of storage were reasonable, there could not have been evaporation of alcohol to the extent of 6 per cent. Giving evidence, Mr. T. W. Agar said that the paregoric was rather thick when he purchased it, and he had filtered it. He had never put anything into it. He had been fined two years ago for a similar offence. A fine of 8*l.* 18*s.* 6*d.* was now imposed, and Lofthouse & Saltmer, Ltd., were entirely exonerated from blame.

Beecham Will Dispute.—A question arising out of the bequest of the pill business of the late Sir Joseph Beecham at St. Helens came before Mr. Justice Astbury in the Chancery Division on March 31. His Lordship was asked to say whether on the true construction of the will the following sums were included in the bequest of business and business assets, or whether they belonged to the residuary estate:

1. A sum of 253,420*l.* standing at the date of the testator's death to the credit of a special deposit account at the St. Helens branch of Parr's Bank, under the heading "Firm of Thos. Beecham, pill manufacturer, St. Helens (Joseph Beecham, sole partner), special deposit account."

2. A sum of $18,605.31 standing to the credit of the testator at the time of his death in his firm name of Thomas Beecham, at the People's Bank, New York, U.S.A., No. 2 account.

Mr. Jenkins, K.C., read the will and the clause dealing with the bequest of the business and business assets. These were left upon certain trusts under which Sir Thos. Beecham and Mr. Henry Beecham were largely interested. Sir Joseph died a wealthy man, but his affairs were complicated owing to his having been engaged in numerous other enterprises, one of which was the purchase of the Covent Garden estate from the Duke of Bedford for two millions. The scheme was to give Sir Joseph a profit of 50,000*l.*, but a Mr. Ormerod, stockbroker, who was to have taken over the contract, failed to do so, and in the end the executors of Sir Joseph had to take over the contract. In connection with this the testator paid a deposit of 250,000*l.*, and spent altogether nearly 300,000*l.* The executors regarded the Covent Garden contract as a very valuable one, and ultimately a company was formed to effect the purchase. An agreement was also entered into between Sir Thomas and Mr. Henry Beecham and the executors to buy all the assets other than those specifically devised for the sum of 475,000*l.* A deposit of 50,000*l.* was paid. In the course of legal argument as to whether the deposit was a business asset, Mr. Maughan, K.C., mentioned that no balance-sheet was ever produced of the pill business, as the late Sir Joseph Beecham knew that the business was steadily growing and that he was bound to be on the right side. His Lordship held that both deposits were business assets and passed with the bequest of the business.

Soap Dispute.—Mr. Justice Lush, in the King's Bench Division on March 31, heard two actions arising out of the sale of 25 tons of vegetable-oil soap, which was bought as containing 63 per cent. fatty acids, but which, it was alleged, contained only about 10 per cent. The first action was brought by Adrian Van den Hurk, of Crutched Friars, against I. Poliakoff & Co., Ltd., Bishopsgate, E.C., and the second action was by Messrs. Poliakoff against Messrs. King & Ramsay, King William Street. Mr. P. Hastings appeared for Van den Hurk; Mr. Zeffirt for Messrs. Poliakoff & Co.; and Mr. W. R. Warren for King & Ramsay. Mr. Hastings said that the soap was purchased on a sample represented to contain 63 per cent. fatty acids. As a matter of fact, it only contained about 10 per cent., and the rest was mainly water. It was all right while it remained in its greasy paper wrapper, but when taken out it quickly shrivelled up. Instead of being worth 45*l.* 10*s.* a ton, for which it was sold, it was practically worthless. Mr. Ernest John Dobbs, of London and Birmingham, an analytical chemist, who analysed a sample of the soap in dispute in September 1917, described it as "an excellent sample of water standing upright." It contained, he said, 12.95 per cent. fatty acids and 72.92 per cent. of water, including glycerin. Another constituent was 6.84 per cent. silica in the form of water-glass. Evidence was given that the soap was bought from King & Ramsay by Messrs. Poliakoff on a sample, and sold by them to Van den Hurk on the same sample. Mr. Warren, for King & Ramsay, submitted that the soap supplied was up to sample and answered the description on which it was sold as "fatty acid in combination with vegetable oil and other materials, rendering the effectiveness of the soap more than equal to 64 per cent. soap." The warranty pleaded was a misconception of the warranty given. After evidence by Mr. Duffield, of Lindley, Duffield & Co., who bought the soap from the manufacturers, Messrs. Loubet & Co., and sold it to King & Ramsay, Mr. Justice Lush held that the warranty had been broken and plaintiffs were entitled to damages. His Lordship said he would assess the amount in the morning, unless the parties came to an agreement.—His Lordship, on April 1, fixed damages for Van den Hurk at 760*l.*, this sum to be reduced to 625*l.* provided that amount was paid into Court within twenty-eight days and the costs seven days after taxation. In default, judgment would be for 760*l.*, with costs. For Poliakoff & Co. he gave judgment for 720*l.*, to be reduced to 560*l.* and costs *plus* 30*l.* towards costs incurred to Van den Hurk, to be paid within twenty-eight days. His Lordship said he fully realised no blame attached to Poliakoff or King & Ramsay, the latter having themselves paid 820*l.* for the articles.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Celluloid and Collodion Products Co., Ltd. (P.C.).—Capital 2,000*l.* Objects: To carry on the business indicated by the title. Solicitors: Claude Lumley & Co., 130 Strand, London, W.C.

National Ophthalmic Institute, Ltd. (P.C.).—Capital 2,000*l.* Objects: To carry on business as opticians, spectacle-makers, surgical-instrument makers, etc. R.O., 38 New Oxford Street, London, W.C.

West End Manufacturing Co., Ltd. (P.C.).—Capital 2,000*l.* Objects: To carry on business as manufacturers of and dealers in toilet preparations and hairdressers' accessories, etc. R.O., 109 Regent Street, London, W. 1.

Sherwood Optical Co., Ltd. (P.C.).—Capital 5,000*l.* Objects: To carry on business as manufacturers of optical machinery and tools, ophthalmic, sight-testing, nautical, mathematical, aeronautical, photographic, surgical, dental, electrical and scientific instruments and appliances, lenses, spectacles, eyeglasses, frames, cases and accessories, etc. R.O., 4 Charles Street, Hatton Garden, London, E.C.

Brico Commercial Chemical Co., Ltd (P.C.).—Capital 10,000*l.* Objects: To carry on business as manufacturers of and dealers in acetic, formic, oxalic, sulphuric, hydrochloric, nitric, lactic, citric and other acids, salts of sodium and potash, ammonium salts, dextrin, superphosphates, nitrophosphates, starches, gums, wax, benzol, naphtha solvents, and other chemical substances, etc. R.O., 33 Halford Street, Leicester.

Liverpool Saccharine and Vesta Oil and Cake Mills, Ltd. (P.C.).—Capital 100,000*l.* Objects: To take over the business of saccharine or glucose manufacturers, manufacturers of maize products, feeding stuffs, oils and chemical products carried on by L. A. & E. A. Orford (as exors. of the late A. J. L. Manbré), Eleanor C. Manbré and L. A. Orford (as exors. of the late A. A. Manbré), and W. J. Barrell and A. M. Pooley (as exors. of the late F. N. J. Darbyshire) as the Liverpool Saccharine and Vesta Oil and Cake Mills. R.O., 20 Blackstock Street, Liverpool.

Taylors' Drug Co., Ltd.—The dividend on the 6 per cent. preference shares for the half-year ended March 31 was paid on April 1.

Evans Sons Lescher & Webb, Ltd.—Warrants for dividends due April 1 on 5 per cent. cumulative preference shares have been posted to the shareholders.

W. Everitt & Co., Ltd.—In the Chancery Division, on April 1, Mr. Justice Astbury appointed a receiver and manager of W. Everitt & Co., Ltd., manufacturing chemists, Southall, W., in a debenture-holder's action, Bray *v.* The Company.

Eugene Rimmel, Ltd.—The agreement for the composition of stamp-duty entered into between the Commissioners of Inland Revenue and Eugene Rimmel, Ltd., being no longer in force, transfers of the company's shares executed on or after February 1 last will be chargeable with stamp-duty.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative

Ministry of Commerce.

Mr. Bonar Law stated in the House of Commons on March 27 that the advisability of establishing a Ministry of Commerce is being considered by the Government.

The Government and the Hospitals.

The Government have promptly denied the statement circulated a few days ago that they propose to take over the hospitals. The original statement was made on the alleged authority of Sir Auckland Geddes, M.P., and was to the effect that the Government would take over the hospitals by successive stages covering a period of forty years.

Morphia for Japan.

In the House of Commons, on April 2, Mr. Sitch asked the Postmaster-General whether he can state the weight of morphia despatched by parcel-post from London to Japan during 1918.

Mr. Illingworth replied: The records of the Post Office do not give the information asked for.

Syphilis Prophylaxis.

A discussion took place in the House of Lords on April 2 regarding venereal disease, in which Lord Willoughby de Broke called attention to the importance of utilising recently acquired knowledge regarding disinfection as a means of preventing the spread of venereal disease. The Government reply was that, in view of the opposite opinions on the subject, nothing could be done in that direction at present.

The Importation of Olive Oil.

Sir Charles Hanson, on March 31, asked the President of the Board of Trade whether, in view of the present high price of olive oil per ton as compared with pre-war prices, a commodity of great importance to the textile trade, he will consider the advisability of granting more freely import licences, thereby reducing the price per ton and enabling the manufacturers to compete against foreign trade.

Mr. Bridgeman, who replied, said the question of admitting olive oil more freely is now under consideration.

Income-tax Commission.

The Chancellor of the Exchequer announced on March 27 that a Royal Commission on the Income-tax has been appointed to inquire into the income-tax (including super-tax) of the United Kingdom in all its aspects, including the scope, rates, and incidence of the tax, allowances and reliefs, administration, assessment, appeal and collection, and prevention of evasion, and to report what alterations of law and practice are in their opinion necessary or desirable and what effect they would have on rates of tax if it were necessary to maintain the total yield. The Secretary of the Commission is Mr. Ernest Clerk, of the Inland Revenue Department.

The Budget.

Although the precise date for the introduction of the Budget has not yet been announced, it is expected that it will occupy the attention of Parliament in the first or second week on the reassembling after the Easter recess. It is anticipated that the excess-profits tax will be modified, that there may be a tax upon purchases in place of the proposed luxury duty, although it is to be noted that the French Senate has refused to endorse the action of the Chamber in abolishing the 10-per-cent. duty of a similar character. It is believed that the duties on spirits and beer will be much increased, although not to the consumer, and a tax on certain commodities from the Dominions is expected. A tax upon bachelors is also among the other imposts forecasted.

Supply of Glass Bottles.

Sir Arthur Shirley Benn asked the President of the Board of Trade, on March 31, if his attention has been called to the shortage of glass bottles; and what steps he proposes to take to prevent some of our export trades being hampered through lack of glass containers.

Mr. Bridgeman, who replied, said he was aware that, although considerable efforts have been and are being made to develop the production of glass containers by British factories, the output is at present insufficient to meet requirements. Licences are therefore being granted to import glass containers when there is evidence that adequate supplies of British-made goods are not available, and in the consideration of applications for licences particular attention is given to the requirements of the export trades.

Ministry of Health Bills.

The Committee stage of the Ministry of Health Bill was concluded last week; and the measure was ordered to be reported to the House of Commons for further consideration. The addition of clauses dealing with the establishment of national hospitals, the prevention of tuberculosis, and the State registration of nurses is proposed. A new clause has been added providing for the application of the Bill to Ireland, where it is proposed to set up an Irish Public Health Council. This Council would consist of the Vice-President and two other Commissioners of the Irish Local Government Board, three members of the Irish Insurance Commissioners, the Registrar-General, three medical practitioners, and six other persons experienced in health questions.

The Scottish Board of Health Bill was read a second time in the House of Commons on April 1.

Venereal Diseases.

Major Courthope, in the House of Commons, asked the President of the Local Government Board whether he has statutory powers to schedule venereal disease as notifiable disease; and whether, in view of its prevalence, he will immediately exercise this power.

The Parliamentary Secretary to the Local Government Board (Major Astor), who replied, said the Local Government Board are empowered by the Public Health Acts to make Regulations with a view to the provision of facilities for the treatment of persons affected with any epidemic or infectious disease, and for preventing the spread of such diseases. Regulations have already been made for the provision of treatment for persons suffering from venereal diseases, and as at present advised the President is not prepared to propose Regulations providing for the compulsory notification of such persons. The question of law raised is in some doubt, and is at present the subject of examination.

Drug Trade Whitley Council.

Mr. Devlin asked the Minister of Labour, on March 31, whether he has received communications from the Ulster Drug Trade Association pressing for the setting up of a Whitley Council; and whether he proposes to accede to their request.

Mr. Roberts, in reply, said no communication has been received from the Ulster Drug Trade Association as such, but a letter has been received from Mr. J. C. Calbert, of Belfast, raising various points in connection with a proposal to form a Whitley Industrial Council for the drug trade in Ireland. It is the policy of the Government to encourage the formation of joint industrial councils in industries which are highly organised on the side both of the employers and of the employed. In the case of other industries the Government's policy is to establish trade boards, and he was at present considering the position of the drug trade in Great Britain and Ireland in connection with proposals to apply the Trade Boards Acts to the wholesale and retail distributive trades.

Sugar Supplies.

Mr. McCurdy, in the House of Commons on March 28, stated that the import of sugar is governed by the Royal Proclamation of October 24, 1914, which prohibits imports of sugar except under licence from the Board of Trade. Purchase and distribution of sugar are governed by the Orders of the Ministry. The following is a list of these Orders still operative:

The Brewers' Sugar Order (1917).
The Sugar (Registration of Dealers) Order (1917).
The Sugar Order (1917).
The Sugar (Registration of Dealers) (Ireland) Order (1917).
The Sugar Order (Ireland) (1917).
The Sugar (Domestic Preserving) Order (1918).
The Sugar (Restriction) Order (1918).
The Rationing Order (1918).

In addition, a number of general licences have been issued under these Orders. The only contemplated early change is that already forecasted by the Food Controller—namely, that after the expiry of the present ration-book no new coupons will be issued, but that domestic supplies will be maintained upon a registration basis.

The Bayer Co.'s property in the United States has been sold to the Sterling Products Co., Wheeling W., Va., who gave $5,310,000 for the business, which includes the Synthetic Patents Co. and the Williams & Crowell Colour Co. Unusual interest has centred in the Bayer Co., because Dr. Hugh Schweitzer, foremost of the German propagandists in the United States, was president of the company, and it was he who engineered the corner on carbolic acid to prevent its use in the manufacture of explosives by the Allies.

Colonial and Foreign News.

Alcohol Supply.—The recent restrictions on the sale of alcohol in Scandinavia have led inventive persons to find ways and means of obtaining possession of alcohol in some form. Recently a Christiania doctor was sentenced to forty days' imprisonment for prescribing alcohol indiscriminately to all comers. He was so popular that his patients had to form a queue in the street before entering his consulting-room to obtain the coveted prescription entitling them to procure a fixed amount of alcohol. In Sweden hair-washes have become remarkably popular, so much so that the Government requires the addition of an emetic to all hair-lotions.

Co-operative Manufacture.—In 1913 the Swedish pharmacists decided to establish their own co-operative laboratory for the manufacture of galenicals, pills, tablets, capsules, and plasters. This venture proved an undoubted success, and the "Astra," as the factory is called, now covers an area of over 300 acres, employing 200 workmen and thirty chemists. It has added the manufacture of chemicals and also of specialities to its original programme, and, in addition to supplying the national demand, has been able to export to Norway and to Finland. During the past year this enterprise absorbed a number of chemical undertakings in Sweden, the most important fusion being that with the Svensk Färgämneindustrie (Swedish dye-works), a company founded in 1907 and representing a capital of twelve million kroner. Among the specialities manufactured by the Swedish pharmacists' chemical factory may be mentioned astrapyrine (soluble aspirin), para-phenetolcarbamide (a sweetening agent which occurs in red crystals, of which the equivalent of 15,000 kilos. of sugar is manufactured daily), glucophos (a food for rickety children), leucosine (pure sodium nucleinate), rhamnototal (a standardised preparation containing the active principles of cascara sagrada), gelargine (gelatin-silver), and vanoline (synthetic lanolin).

Chinese Imitation of "'Hazeline' Snow."—Before the British Assessor and Magistrate Kuan in the Mixed Court, Shanghai, Burroughs Wellcome & Co., on February 7, commenced an action against Zing Tsa-nan, trading as the Nanyang Medical Co., claiming an injunction to restrain the defendant from selling or offering for sale "Nanyang Snow" (a toilet preparation simulating their well-known "'Hazeline' Snow"), requiring delivery to them of all such imitations, and damages or an account of profits and costs. Both parties were represented by counsel, and the case was supported by oral evidence. An interim injunction was granted pending the trial of the action. At the adjourned hearing "Nanyang Snow" was proved to be a fraudulent imitation of "'Hazeline' Snow," and the pot, packing, and cover were adjudged similar in design, size, and colour scheme. The imitation product bore pictures of a snow-clad mountain as in the case of the original, and the defendant was shown to have employed in his labels Chinese phrases identical with those used in the plaintiffs' literature. It also transpired that the defendant had permitted sales of the imitation since the grant of the interim injunction, and for this disobedience to the mandate of the Court the defendant was fined $100. The final injunction was granted on March 16, condemning the piracy and awarding to the plaintiffs the usual relief.

Alcohol-tax in America.—Referring to the proposed increase in the United States of the tax on non-beverage alcohol from $2.20 to $4.40 per proof gallon, Mr. Louis K. Liggett, president of the United Drug Co., Boston, states: "Anyone can readily see the effect that this increased tax will have on pharmaceutical, proprietary, and toilet preparations, also on flavouring extracts and other household commodities in which alcohol is a necessary ingredient for the purpose of extraction, solution, or preservation. Non-beverage alcohol is a raw material absolutely essential and indispensable in the manufacture of *bona-fide* medicines, pharmaceuticals, flavouring extracts, and other necessary household commodities. In practically no other industry is such an important raw material so heavily burdened with taxation. In most every industry raw materials, such as metal ores, lumber, cotton-wool, etc., are exempt from taxation. No valid reason exists for such unjust discrimination against the drug-trade industry. Alcohol used for manufacturing-purposes should be tax-free. The purchase and use of non-beverage alcohol for manufacturing-purposes is thoroughly controlled by United States Internal Revenue regulations, under which manufacturers and druggists are required to obtain permits from and to file bonds with the Government. In addition to the tax on alcohol used as a raw material, the finished product of such essential commodities as medicines, pharmaceuticals, flavouring extracts, etc., is also taxed."

Personalities.

Mr. H. Bailey, chemist and druggist, Matlock Bank, is a candidate for the Matlock Urban District Council.

Colonel W. F. Wyley (Wyleys, Ltd., Coventry) has promised 1,000*l.* towards a new park about to be acquired by the Coventry City Council.

Mr. Johnson Hindle, chemists' manager, Blackburn, sustained severe injuries in attempting to stop a runaway horse in King Street on March 31.

Mr. H. W. Blackadar, chemist and druggist, Church Road, Landport, has been returned a member of the Portsmouth Board of Guardians without a contest.

Mrs. Benger, widow of the late Mr. Frederick Baden Benger, Ph.C. (founder of Benger's Food, Ltd.), has contributed 5,000*l.* towards a war memorial at Knutsford.

Colonel W. T. Grice, I.D.F., senior partner of Smith, Stanistreet & Co., Calcutta, is on a visit to this country, and is combining business engagements with a holiday in Scotland.

Mr. Hugo Wolff, in "Square Topics," gives some interesting remarks on the abortive vote of censure against him which was moved at the Council-meeting on March 5. Mr. Wolff completely pulverises his opponents.

Sir Ernest Rutherford, F.R.S., Professor of Physics at Manchester University, has been elected Cavendish Professor of Experimental Physics at Cambridge, in succession to Sir J. J. Thomson, O.M., Master of Trinity.

Mr. Harold H. Sumption, pharmacist, Blackwood, has passed the first part of the second Professional examination for M.B., B.S., of London University. Mr. Sumption, who was apprenticed to his brother, Mr. A. C. Sumption, pharmacist, Blackwood, is the youngest of four brothers, all of whom are qualified chemists and druggists.

At a recent by-election in the London borough of St. Marylebone, Mrs. Sanger, wife of Mr. Ernest Sanger, L.C.C. (Sangers, Euston Road, N.W.1), headed the poll for the Portman Square ward. As Mr. Sanger is also a member of the Marylebone Borough Council, husband and wife are both on the same municipal body—an unusual if not unique occurrence.

Two sons of Mr. S. J. North, chemist and druggist, Bournville, Birmingham (formerly of Grimsby), have been awarded the Military Cross. In the case of Captain Sidney North, Royal Warwickshire Regiment (attached Lancashire Fusiliers), who was in command of a company during the critical period from February to September 1918, the official record states:

> During the enemy offensive in March near Bucquoy he showed great skill in keeping a constant grip on the situation. On several occasions he rallied stragglers and formed defensive flanks with them when the flanks of his company became dangerously exposed. His own constant disregard for personal safety and thought for the welfare of those serving under him have at all times proved a fine example and inspired his men.

Captain North's brother, Lieutenant Fred J. North, Canadian Infantry (Manitoba Regiment), distinguished himself during the attack on the Drocourt-Quean line on September 1 and 2, 1918. The "London Gazette" records:

> Although wounded in the arm early in the morning of the 1st, he carried on his duties as signalling officer, whose duties were increased owing to heavy casualties in his section. His lines had been broken by heavy shelling, but he personally went over them and established signal stations, thus maintaining communications with all units, and throughout he showed absolute disregard for personal safety.

Both of these gallant officers have been on active service since 1914. Captain North is at present acting as a demobilising officer at headquarters in Belgium; his brother is also stationed in Belgium with his regiment.

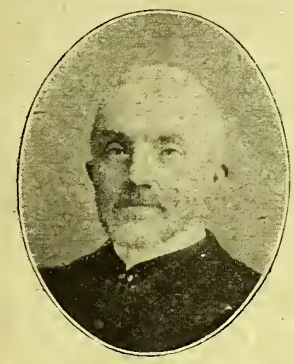
Birth.

Sweeney.—At 52 High Street, Holywood, Co. Down, on March 19, the wife of Charles Sweeney, Ph.C., of a son.

"If I were a Chemist" is the title of a note in "System," wherein it is suggested that chemists should be careful to keep in stock all the necessaries for the first-aid cabinets which are now required to be kept in factories. An assistant might call round at the local factories once a month, take a note of articles that are missing from the first-aid cabinets, and supply everything that needs replacing.

Deaths.

Atkins.—At Salisbury, on March 26, Mr. Samuel Ralph Atkins, J.P., Ph.C., aged ninety-one. Mr. Atkins's long and distinguished career in pharmacy began with his apprenticeship at Weymouth to the late Mr. Thomas Barling. He qualified as a pharmaceutical chemist in 1853, his being, with hardly an exception, the oldest name on the Register in recent years. The inauguration of the British Pharmaceutical Conference was the occasion of Mr. Atkins's development into a publicist of the first order. At the meeting of the Conference at Edinburgh in 1871, his paper on pharmaceutical ethics was a revelation of his qualities, and from that time his advance was continuous. In 1874 he was an unsuccessful candidate for the Council of the Pharmaceutical Society (there were twenty-six candidates for fourteen vacancies); two years later, however, he gained a seat, and occupied it without a break till 1907. In 1882, the year in which Mr. Carteighe began his long period of office as President, Mr. Atkins was elected Vice-President; in 1889 he became Treasurer; and in 1903 President of the Society. He occupied the Presidential chair of the British Pharmaceutical Conference in 1887, when he made his address a review of scientific progress accomplished during Queen Victoria's reign. Much to his regret, he was eventually compelled to relinquish the effort to attend the Conference, as a letter from him, printed in The Chemist and Druggist, II., 1912, p. 194, testifies. He managed, however, to be present at the following year's meeting in London. Exceptional gifts of eloquence sometimes overshadow administrative ability; and the *confrères* of Mr. Atkins were apt to forget that during his almost unequalled career as a pharmacist he had been one of the most assiduous of workers and administrators, particularly in matters of benevolence and finance. After carrying on business for fifty years, latterly with the help of his son, Mr. W. R. Atkins, Ph.C., he in 1915 relinquished his connection in favour of Mr. J. M. Martin, chemist and druggist. Mr. Atkins served a term of office as Mayor of Salisbury, and was for many years a member of the Wilts County Council and a painstaking Justice of the Peace. The funeral took place on April 2.



Mr. S. R. Atkins, J.P., Ph.C.

Bruce.—At Dunblane, on March 29, Mr. William Balfour Bruce, chemist and druggist, F.S.A. (Scot.), aged sixty-eight. Mr. Bruce, who was a native of Kirkwall, qualified in 1877. After gaining further experience in Edinburgh, he opened in business at Dunblane about thirty-five years ago, retiring a few years since. His literary and antiquarian tastes found issue in the publication of a guide to Dunblane containing much historical and topographical information. He is survived by a widow and a family.

Davidson.—At his residence, Portland Place, London, W. 1, on April 2, Sir James Mackenzie Davidson, M.B., C.M., aged sixty-three. Prior to 1897 Sir James Davidson had a successful practice in Aberdeen; removing in that year to London, he perfected the use of *x*-rays in ophthalmology. His researches led him not only to the invention of a precise method of localisation of foreign bodies in the eye (and of bullets in the body) and other methods of utilising the rays, but also to many improvements in the apparatus for producing them. He was knighted in 1912.

Dolman.—At "Totnes," Old Bath Road, Cheltenham, on March 24, after a long illness, Mr. Thomas Tustin Dolman, chemist and druggist. Mr. Dolman, who qualified in 1898, was well known and greatly respected in Gloucestershire pharmaceutical circles, having held office as Secretary of the County Association for three years. He had also been Secretary of the Gloucestershire Pharmaceutical Committee since its formation, and Divisional Secretary of the Proprietary Articles Trade Association. The funeral took place at Cheltenham Cemetery on March 28. Pharmacy was represented by Messrs. Scobie, Crowther, and Ball (of the business staff of Dolman & Son), W. H. Hill, C. H. James, H. B. Clark, A. Hill, T. Pattison, T. H. Hawley, F. T. Palmer, W. Palmer, Harold Miller (director of "Ucal"), A. J. Wells, E. Hodgson, and T. B. Wickham (Secretary of the Gloucestershire Pharmacists' Association).

Greenwood.—At Hartmann Street, Accrington, on March 31, Mr. H. Greenwood, aged seventy-two. Mr. Greenwood was for twenty-three years manager to William Blythe & Co., Ltd., manufacturing chemists, Church, Lancs, and was also analytical chemist to the company.

Grimes.—Recently, the mother of Mr. J. Grimes, R.D., Pomeroy, Co. Tyrone. Mrs. Grimes was the widow of the late Mr. J. Grimes, R.D. An accomplished organist and musician, she was in charge of the music at St. Patrick's Roman Catholic Church, Pomeroy, for many years. The funeral was attended by upwards of 500 people, including representatives of this church, of which Mrs. Grimes had been a devoted member.

Hadley.—At Minster, Isle of Thanet, on March 25, Mary Margaret, widow of the late Mr. James William Hadley, chemist and druggist. Mrs. Hadley conducted for some years the business left by the late Mr. Hadley. She had acted during the war as commandant of a local V.A.D. hospital, and had been gazetted O.B.E. in recognition of her services.

Harvey.—At his residence, Watling House, Canterbury, on March 27, Mr. Sidney Harvey, F.I.C., Ph.C., aged eighty-four. Mr. Harvey passed the Major examination in 1864. Three years previously he had opened in business at High Street, Canterbury, where he remained until 1892. After this he devoted himself to analytical work, taking into partnership Mr. Ernest M. Hawkins, F.I.C., who has since been joined by Mr. C. C. Roberts, F.I.C. Mr. Harvey became public analyst for the city of Canterbury in 1875, and at one time held similar appointments for the boroughs of Dover, Folkestone, Margate, and Ramsgate. He was at various periods of his life Vice-President of the Public Analysts' Society, President of the East Kent Scientific Society, a director of Kent College, and a member of the Canterbury School Board.

Haynes.—On March 29, suddenly, Mr. Edward Haynes, chemist and druggist, High Street, Honiton, Devon.

Koopman.—News has been received of the death of Mr. Henry Koopman, formerly of McKesson & Robbins, Inc., which took place in Sweden on January 5. Mr. Koopman joined McKesson & Robbins in 1875, and was for thirty-eight years prominent in the development of their business; among his other activities he organised the Spanish department. Mr. Koopman retired in April 1913, by the advice of his physicians, and went to Sweden, the home of his wife, where he resided until his death.

Leftwich.—At 36 Ebury Street, London, S.W. 1, on March 25, Mr. Ralph Winnington Leftwich, M.D. Dr. Leftwich, who obtained his degree in 1875 at Aberdeen University, was the author of several well-known manuals, including "An Index of Symptoms" (now in its sixth edition) and "The Pocket-book of Treatment."

Lloyd.—At Fern Villa, Penn Fields, Wolverhampton, on March 1, Mr. George Henry Lloyd, chemist and druggist, aged seventy-eight. Mr. Lloyd, who was in business before August 1, 1868, carried on a pharmacy at Bilston for many years, and was known locally as the proprietor of "Maccan's Tincture." For the past twenty-five years he had been dispenser at the Wolverhampton Eye Infirmary.

Sletcher.—At "Highbury," Cleere Hill, Cheltenham, on March 27, the wife of Mr. H. G. Sletcher, chemist and druggist (representative of Parke, Davis & Co.), late of Dyserth, North Wales.

Street.—At Burton-on-Trent, on March 26, of heart failure, Mr. John Westrope Street, chemist and druggist, aged seventy. Mr. Street had for many years carried on business in Burton-on-Trent, and since his retirement had lived for a time at King's Bromley. He was formerly a member of Burton Board of Guardians.

Thomas.—At 30 Court Road, Barry (Glam.), on March 15, Mr. David Jenkin Thomas, chemist and druggist, aged forty.

Tipping.—At Friar Lane, Leicester, on March 30, Mr. Frederick Mouncher Tipping, of the staff of John Richardson & Co. (Leicester), Ltd., manufacturing chemists, aged fifty. (See p. 49.)

Turner.—At 62 Buckingham Road, Tue Brook, Liverpool, on March 12, Mr. William Turner, chemist and druggist, aged thirty-nine.

West.—At Molesworth Street, Wadebridge, on March 15, after a short illness, Mr. Francis Paynter West, chemist and druggist, aged thirty-eight.

Williams.—At 29 Trafalgar Terrace, Swansea, on March 5, Mr. David Williams, chemist and druggist, aged sixty-nine.

Wray.—At 49 Corporation Road, Grimsby, on March 29, Mr. Edward Wray, chemist and druggist, aged 71.

Chemists' Dental Society.

An extraordinary general meeting of the Chemists' Dental Society was held at 16 Bloomsbury Square, London, W.C., on March 27, the President (Mr. J. Hearle) in the chair. There were also present Messrs. Adams (Pangbourne), Rayner (Uxbridge), Horton (Chichester), Page (Wilton), Davies (Chesham), Malins (Cardiff), Berg (Hatherleigh, Devon), Robinson (Peckham), Leighton (Sheffield), Drayton (Ealing), Godson (Nottingham), Morgan (Kimbolton), Williams (Brockley), Ashford (Northampton), Prysor-Jones and Burnett (Liverpool), Tasker (Fulham), Roberts (London), Sutcliffe (Buxton), Jeffrey (Chelsea), Brownbill (Leeds), the Honorary Solicitor, W. R. Russell (London), and the Honorary General Secretary, Benson Harries (Newport, Mon.). The President stated that the meeting was called to consider the Society's policy concerning the Departmental Committee's report on the Dentists Act. Mr. Harries read over a hundred extracts from letters received from members giving the writers' views on the matter, and he gave a comprehensive survey of the position. The consensus of opinion was that chemists should do all they could to have paragraph 206 altered, which is considered unjust, tyrannical, and quite contrary to precedent. [This is the long paragraph commencing "We have received," printed in the *C. & D.*, March 1, p. 55.—Ed.] The Hon. Secretary stated that he was well received by the Departmental Committee, though subjected to severe cross-examination. Some of the most important material touched upon was read to the meeting. Mr. Sutcliffe moved and Mr. Godson seconded the following resolution, which was carried:

> As nothing at present in British law prevents any person having interests in more than one business, and as none of the evils complained of in the report have been attributed to the chemists practising dentistry and to those chemists registered under the 1878 Act as dentists, and considering the precedent set by the Act of 1878 (when persons practising dentistry in conjunction with medicine, surgery, or pharmacy were put on the Register), this meeting of the Chemists' Dental Society accepts the report of the Departmental Committee in general, and agrees that no person should be admitted to the Dental Register who has not had five years' experience in the usual operations comprised in conservative and prosthetic dentistry, but opposes that part of paragraph 206 which recommends that a limit of five years be put to the time during which a chemist who has practised dentistry for five years may carry on both professions. And also opposes that part which restricts the right to carry on both professions to those whose dental practice might be judged substantial or otherwise.

Mr. Horton proposed, Mr. Ashford seconded, and it was carried that a recommendation be made to the C.D.S. Council to invite subscriptions from each member of at least two guineas as part instalment towards the Parliamentary Fund, and further amounts to be asked if required. It was also unanimously carried that a special circular letter, approved by the Council, be sent by the Secretary to each member of Parliament; also that a copy be sent to each member of the C.D.S. This was the chief business done at one of the most interesting and momentous meetings the Society has ever held. The general feeling was that chemists should display a united front and insist upon their legal rights to the utmost limit. The Council met later at the Holborn Restaurant to arrange for the carrying out of the deliberations of the general meeting.

Graphite in Madagascar.—In 1913 the world's production of graphite amounted to about 120,000 tons, of which Ceylon yielded 40,000 tons. Of this total exported to Europe 60 per cent. is used for crucible retorts, 15 per cent. for furnace and converter linings, 10 per cent. for paint, 10 per cent. for lubricant, and 5 per cent. for foundry moulding. Shetley ("Journ. Chem. Met. Mining Soc.," S. Africa, 19, 1918) states that the deposits of graphite in Madagascar extend to 400 miles, and so far only the outcrops have been worked. The ore contains 60 per cent. of graphite, but at present only a third of this is recovered Some deposits contain a large mixture of mica and iron, and await the development of a suitable separating process, as they are at present worked by native labour, by hand-washing, etc. The working cost at the mine averages 9*l.* a ton, and under normal circumstances the total cost would amount to 17*l.* to 19*l.* a ton c.i.f. London. The author is of opinion that the staff which is now producing 25 tons of marketable graphite could produce 250 tons by adopting proper labour-saving devices.

Trade Notes.

Violesse Shampoos.—A free offer of a box of seven Violesse shampoos is made in this issue by the Violesse Co., Dovercourt.

Stedotin greaseproof boxes are made by the Malva Manufacturing Co., High Street, Wandsworth, London, S.W. 18, whose advertisement appears in this issue.

Enemas.—Ayrton, Saunders & Co., Ltd., Liverpool, devote their advertisement to enemas, of which they have several standard patterns. The prices and specifications are given.

Easter Holidays.—Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E. 1, inform us that their premises will be closed from Thursday evening, April 17, to Tuesday morning, April 22.

Viking Preparations.—The prices, wholesale and retail, of Viking cheese rennet and Viking annatto are given in the advertisement of the Viking Rennet Co., Ltd., 19 Clapton Square, London, E. 5.

Zorbo Jackets, used in pneumonia, are made by Robert Bailey & Son, surgical-dressing manufacturers, Marriott Street Mills, Stockport. The sizes and prices will be found in the firm's advertisement.

Sol-vo Toilet Paper.—Ford, Shapland & Co., Ltd., Great Turnstile, High Holborn, London, W.C. 1, have now an ample stock of Sol-vo toilet-paper in packets and rolls. The prices will be sent on application to the company.

Amami Toilet Preparations.—The Prichard & Constance Manufacturing Co., Ltd., 469 Holloway Road, London, N. 7, offer a 10*s.* bonus of goods for window display. The conditions are given in the company's announcement in this issue.

Nutresco, Ltd., Johannesburg, London, and 22 Westridge Road, Southampton, whose advertisement appeared in our last issue, inform us that they are able to supply "Vinesco," their meat wine, from stock—an important advantage in the present alcoholic shortage. All the Nutresco products carry P.A.T.A. profits.

Blighty Burgundy Mixture.—We referred recently to the advantages offered by the Blighty Burgundy mixture as an agricultural and horticultural dressing, and as a speciality for sale by agricultural chemists. The Mond Nickel Co., Ltd., 39 Victoria Street, London, S.W. 1, issue attractive booklets dealing in a practical manner with the uses of "Blighty" and copper sulphate, and copies of these are to be widely distributed to those interested. This should ensure an increased demand for the chemicals referred to, which chemists should be prepared to meet. Chemists can obtain copies of the booklets by applying to the company, and also particulars of new showcards which are ready for distribution.

Ink Tablets.—We have received from H. E. Stevenson & Co., 122 Great Suffolk Street, London, S.E., samples of the "Eklips" brand concentrated ink tablets, which are a convenient and economical method of making writing fluid. The packages contain four tablets, which quantity in the case of the black and blue-black tablets is sufficient for a gallon of ink. With the red-ink tablets the same bulk of tablet produces half a gallon of red ink. The convenience of the tablets for export trade will be at once appreciated, and also the economy of being able to produce a good black or blue-black ink at a cost of 2*s.* 3*d.* and 3*s.* a gallon. Messrs. Stevenson also call our attention to a new label that has been brought out for creosoted emulsion of cod-liver oil which has attracted attention to this development of cod-liver-oil emulsion. The creosoto emulsion is selling largely in the Far East.

Information Department.

INFORMATION WANTED.

110/14. "Urometine"
110/13. "Euxine"
103/66. "Pepsodent" tooth-paste
103/66. "Rhodesia" tablets
105/58. Styme's hair-restorer
103/3. "Adhesivo" (Johnson)
103/3. Williams' embrocation
105/30. "Kalida" hair-lotion
103/37. "Volex"
106/49. "Loris" perfume
105/49. Angel's marking-ink

INFORMATION SUPPLIED.

Antipyrin, 73/8
Argent. nucleinate, 82/12
Artificial limbs (makers), 90/20
Claxton's ear-caps, 75/39
"Clynol" berries, 75/26
Cockle's pills, 77/14
Celluloid caps, 90/57
Corn planes, 75/56
Corn rings, 97/63
"Creo-camph," 82/27
Creme Simon (agents), 70/70
"Kolynos," 73/7

Observations and Reflections.

By Xrayser II.

I Entirely Agree

with those of your correspondents who insist on the injustice to examined men of admitting to registration men who have not passed the same examination as they, and I welcome heartily Mr. A. Gregory's question, which is precisely what I have always foreseen would be asked, but there is another and a higher ground than the injustice complained of for opposing this by-law. It is that it stultifies the Society, and robs its examinations of all moral right and value. If they are not necessary to registration why are they enforced on anybody? If the Society can without them satisfy itself of the competence of candidates for registration their moral justification is gone. But what (I wonder) is implied in this satisfying of itself of a candidate's competence? Something more is meant, surely, than mere financial competence, the mere ability to pay the fees? Will the Council collectively consider every case and decide out of its own wisdom that so and so will do? Or will there be some sort of hole-and-corner examination by a special board, and, if so, who will constitute the board, and what will its procedure be? Will diplomas be granted? Will the same standard of competence be demanded of all? In short, is the admission really to be without examination, or is all talk of that kind pretence, a saving of the Society's face? Whatever the answer to these questions may be the whole business is a confession of failure to maintain the Society's pretensions to being the guardian whether of the interests of its members or of the ideal of an educated body of pharmacists. The "back-door" in Galen Place has been resented, but this is throwing open a back-door to which that was a bagatelle.

The Deputation

from the North British Branch to the Secretary for Scotland put the case for the inclusion of a pharmacist on the Scottish Board of Health strongly and well, but I am afraid the contention that this was urged purely on public grounds and without any desire for class representation as such is a little discounted by the fact that the Pharmaceutical Society maintains a fund for the express purpose of securing the representation of pharmacists' interests in the House of Commons. Of course here, too, there has been a profession of regard for the public welfare, and much talk of the desirability of having expert knowledge and experience at the command of Parliament, but the other motive has been openly avowed, and has been undoubtedly the chief consideration with most of the supporters of the fund. It is idle to deny that a similar motive operates in the case of the Board of Health. There is no reason why it should not, but it is bad tactics to disclaim it in the face of patent facts. Let us be honest: we are concerned for the public weal, but we are also concerned for our own, which is indeed a part of it, and the case for the direct representation of pharmacy on these Boards of Health is much stronger in both respects than that for its representation in Parliament.

Your Reply to "Nature"

needs no supplement, but your contemporary lays itself so open to retort that it is difficult to refrain. We are told that besides "chemist" we have three titles to choose from, all with "definite, well-understood connotations." This is not true, for "apothecary" is not ours to choose, and if it were it would in its old sense be inadequate, and in its current one inappropriate, for we are not mere storekeepers, and we neither are nor wish to be medical practitioners. "Druggist" is as inadequate as "apothecary" in its original sense, and has, besides, associations that do not commend it, standing alone at any rate; the older forms, "drugger" and "druggister," are not attractive. "Pharmacist" is better, but is too unfamiliar with the public to take the place of our historic appellation, which, moreover, fits us as none of the others do, for it has associations, familiarised by time, with both the scientific and the shop-keeping side of our craft. What "Nature" says of the term "doctor" and "esquire" is impertinent in the philological sense, and the reference to us as "sellers of drugs and poisons" is so in every sense.

My Call for a List

of progressive candidates for the Council has brought me a hint from a member that the Progressive Pharmacists' Club is not quite so progressive as its name should imply; it talks, I am told, rather than acts, and even talk of a too progressive kind—perhaps aggressive is meant—is rather discouraged than welcomed. I do not know how much truth, if any, there is in this complaint; my informant may be a man of extreme views, who has not yet learnt that "from sharp words and wits men pluck no fruit," but I must confess to some disappointment at the little show of activity on progressive lines the Club has made lately. My friend's evident suspicion that it is in danger of being captured by the "old gang" I do not for a moment entertain, but I am afraid it has lost some of its first zeal as an instrument of reform. It is certainly time its voice was heard on the subject of the impending election and the problems that will confront the new Council. We have been encouraged to regard the Club as a political, and, when occasion demands, a fighting force, and in the past it has proved such; I sincerely hope its social success has not swamped its revolutionary ardour. It was distinctly in opposition to the bureaucracy, which still exists and is as powerful as ever, and the business of an opposition is, as Lord Randolph Churchill used to say, to oppose. Opposition was never more needed than now; take the single case of the proposed new by-law; has the Club in its collective capacity protested against that? I have not heard of any such protest from it, yet it is just such a matter as calls for protest, and in which protest from an influential body might be effective.

The Progressive Note

is, however, dominant in the policy outlined by Mr. Skinner to the North Londoners on March 20, and if the Club, on whose premises the address was delivered, would commit itself earnestly to that policy and select candidates pledged to support it, this election might prove an epoch-making one. In regard to matters of topical or temporary importance only Mr. Skinner has shown himself to be, almost single-handed, able to set things moving, but in matters of permanent and radical importance, such as he has in view, he will be powerless unless he has the support of a strong, though not necessarily large, body of equally earnest men behind him. In relation to general policy such opposition as he and his present supporters within the Council have been able to offer has had little effect but to stiffen the necks of the bureaucrats and excite animosities that hinder rather than help his cause. It will be our fault if he has not more effective support in future. We must not give him cause to despair of progress, and so play into the hands of those who would willingly see him driven from the Council or lured into the ranks of the temporisers who form its bulk.

"Wormwood Salts"

is not, I think, quite obsolete even in England as a name for potassium carbonate. It is due to the fact that formerly wormwood was the chief source of the salt. Describing this plant, Quincy speaks of "its pungent and almost caustick Salt, so hurtful to the Nerves of some dry Constitutions." When the salt was first introduced into the Edinburgh Pharmacopœia it was under the name "sal fixum absinthii," and the process of extracting it from the leaves of wormwood was given. In 1788 it appeared in the London book under the name "kali præparatum," which in 1809 was changed to "potassæ subcarbonas."

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Editorial Articles.

A Pharmaceutical Dilemma.

The significance of the special meeting of the Council of the Pharmaceutical Society which we reported last week (p. 63) has probably not escaped many of our readers. The meeting was called hastily in an endeavour to make up for the neglect of the Council to grasp the meaning of the Government scheme for establishing Whitley Councils. The Secretary is partly responsible for this, as he stated very emphatically in a paper before the North London Pharmacists' Association on October 10 that the Pharmaceutical Society could not allow any other body to interfere with questions affecting pharmacy. A list of these problems (twelve in all) was given by Mr. Glyn-Jones, which the Pharmaceutical Society reserved for itself, the singular point being that there was only one of them, "technical training and scientific research," which touched upon the prerogative of the statutory body in pharmacy. We endeavoured to show in The Chemist and Druggist the misleading character—unintentional, no doubt—of the address, but nevertheless reprints of Mr. Glyn-Jones's paper were circulated widely to local Associations, and helped to create a sense of false security in the trade. It was in The Chemist and Druggist, February 2, 1918, that we called special attention to the Whitley Council scheme in an article which was one of a series on reconstruction. In 1917, before the reports of the Whitley Sub-Committee were issued, Mr. C. A. Hill, when President of the British Pharmaceutical Conference, emphasised the need in the drug-trade for a Public Policy Committee which should co-ordinate and amalgamate the views of the craft as a whole. The Whitley Reports which subsequently appeared offered just such an opportunity. At the end of last year we stated:

> After-war problems as yet untackled include the organisation of a Whitley Council to represent the whole of the drug-trade. The Pharmaceutical Society's officials are against the scheme, apparently on the ground that their power would be weakened. It is not unlikely, however, that the Government will see that the Society does not develop the "stickiness" which the Minister of Reconstruction rather pointedly told them would not be tolerated.

The Pharmaceutical Society did nothing, but early last month received a rude awakening. It must have been subsequent to the March Council-meeting that the Ministry of Labour invited the Society to send a representative to a conference on March 20 of employers' associations and trade-unions in the distributive trades to consider the application of the Trade Boards Acts to these trades. "But what has a Trade Board to do with a Whitley Council?" some may ask. The answer is that there are two ways of settling disputes as to wages in distributive trades; one is by means of a Whitley (or Industrial) Council, and the other is by means of a Trade Board, constituted under the Trade Boards Acts, 1909 and 1918. The first Trade Boards Act was applicable only to a limited number of industries of the class known as "sweated," but the second Act extended the scope of the Trade Board to all industries where the regulation of wages was the point in view, and thus made the Act applicable to pharmacy conditions. If, however, a trade can show that it possesses a Whitley Council there is no room for a Trade Board, but if it possesses neither the Trade Board is the more suitable to create because its decisions possess mandatory force in a more decisive manner than the Whitley Council. At the meeting of the distributive trades to which we have referred, the point which was put before the delegates by the representative of the Ministry of Labour was whether a combined Trade Board should be formed for the whole of the seventeen distributive trades (the business of a chemist and druggist being classed as "distributive"), or whether each trade should have its own organisation. It was decided to postpone the decision until an adjourned meeting on April 24. It will now be seen of what the dilemma of the Pharmaceutical Council consists. The Pharmaceutical Society represents both masters and assistants so long as they are qualified. It is, therefore, not a true Industrial Council, which must include all interests—that is, both qualified and unqualified persons. Moreover, the wholesaler must be represented on an Industrial Council, and it cannot be said that the Pharmaceutical Society is in a position to express efficiently the views of wholesalers and manufacturers. There being therefore no Industrial Council for the drug-trade in existence, the alternative is a Trade Board, which, as was seen from the report in our last issue of the special meeting of the Council of the Pharmaceutical Society, it was decided to avoid if possible. The problem, which was left to a small committee of the Council, was to knock into shape a scheme for an Industrial Council which should be sufficiently advanced by April 24 for the Society's delegates to be able to inform the Ministry of Labour that there is in existence an Industrial Council for the drug-trade. It must be confessed that the problem is a difficult one, and it is complicated by several features which do not appear on the surface. One of these is the existence of several trade-unions purporting to represent chemists' assistants and drug-trade workers. As a matter of fact, the only one which can really claim to do this is the Amalgamated Society of Pharmacists, Drug and Chemical Workers,

which owes its existence to Mr. Herbert Skinner, one of the few members of the Pharmaceutical Council with sufficient "vision" to see the trend of affairs in pharmacy. It seems simple, therefore, to start with this union as representing assistants or workers, but this does not suit the officials of the Pharmaceutical Society, who for their own reasons have formed some kind of alliance or understanding with another union representing assistants and workers in every trade. The Council-meeting on April 2 endeavoured to get out of this difficulty by taking steps to encourage the formation of a National Association of Assistants, "with district branches for the purpose of securing representation on the Industrial Council of those not at present covered by the unions." It is doubtful whether the creation of still another union is desirable, and whether these efforts will be successful. We do not think there is much chance of the "National Association of Assistants" being formed by April 24, considering that it took many months to organise the Amalgamated Society. The obvious course would have been to encourage assistants to join the Amalgamated Society, which already has a large number of members, but, as explained above, this is considered inexpedient because the officials have apparently committed themselves with the organisers of a general union of assistants and labourers. This is not, however, the only problem which has to be solved before April 24. How, for instance, is a masters' organisation to be arranged, seeing that the Pharmaceutical Society cannot act in a dual capacity for masters and assistants? This is to be left to the Local Associations Executive Conference to tackle, probably because the Pharmaceutical Committees under the National Insurance Acts are already in existence as representing masters. The chemists not on the panel for insurance purposes have still to be represented, and how to co-ordinate them with Pharmaceutical Committees has to be considered. The wholesale trade, so far as employers are concerned, would probably be represented by the Drug Club if the organisation of that body is sufficiently elastic to admit all wholesale druggists, and we believe it is. If the hasty efforts of the Pharmaceutical Society fail the only alternative is a Trade Board, and it is not unlikely that the Amalgamated Society will decide that this is best for the drug-trade, in which case the Pharmaceutical Society would have no choice but to accept. The trade-unions represented at the Conference of the distributive trades are desirous of having Trade Boards owing to the mandatory force with which the decisions of the Boards are endowed. The outcome of the meeting on April 24 will be awaited with great interest by the trade, as it may fix for a long term of years the real organisation of the drug-trade.

A New Book of Snobs.

The novelist Thackeray first gained celebrity by a series of "Snob Papers" which he contributed to "Punch," which papers were afterwards published as "The Book of Snobs." Were Thackeray alive at the present day he would find plenty of material to hand for a new series of "Snob Papers." He might for a start take the case of a small section of professional chemists, who, having been unable to impress the public with their vast importance, conceived the idea that the reason is that chemists and druggists share the title and moreover keep open shop. The professionals have not yet decided who shall be allowed to employ the title when it has been stolen from chemists and druggists, but apparently the test will be that the user does not keep a shop. A works chemist, who, perhaps, spends his working days in attending to a water-softening plant, and a manufacturing chemist, whose chemical atmosphere is confined to recrystallising bought chemicals, would doubtless be permitted to continue to call themselves chemists because they are not shopkeepers. The chemist and druggist who carries on the oldest branch of applied chemistry in the world, and whose business is the parent trade of many chemical inventors, is to be robbed of his rightful title because of the open shop. We were talking recently to a robust member of the drug-trade who gloried in his business, and was not ashamed to proclaim openly his occupation even when travelling or on holiday. That is the proper type of chemist the world wants, not the *poseur*, who is afraid that the world should know that he was once behind a counter or climbed to professional rank through the drug-trade. Cases are known where chemists have requested that their names be taken off the Register of Chemists and Druggists for fear it should be known whence they came. We are not referring to the instances where the names of medical men are removed from the Register of Pharmaceutical Chemists, this being a statutory provision under the Pharmacy Act, 1852. Another case of what we think is rank snobbery is the recommendation in the Report of the Dentists Act Committee that dental chemists, whom it is proposed should be registered as dental practitioners, shall not be allowed after five years to carry on both businesses. If this curious recommendation should ever be translated into legal form, we hope the Labour members of the House of Commons will promptly squelch the proposal as insulting to honourable business men. We do not think, moreover, that such a recommendation is justified from any evidence given before the Dentists Act Committee. There is no statutory prohibition to prevent medical men carrying on any other business, and such a law could scarcely be directed specially to dental practitioners who happen to be chemists. Licentiates of the Apothecaries' Hall are shopkeepers by origin, and there are many medical men engaged in chemists' businesses. It is, therefore, grossly unfair to suggest that a chemist, of all people in the country, may not carry on a dental business. Many registered dentists at present conduct drug businesses, but we do not see any suggestion in the Report that dentists should be restricted in their trading activities. The Company Acts probably offer an easy way of avoiding any enactment which might be made to fulfil this recommendation of the Report, but we do not see why private traders should be driven to spend a considerable sum in company fees because they practise dentistry. It may be argued that such a requirement is the corollary to registration as dentists without examination, but those who say this need reminding that chemists are at present legally practising dentistry, the Dentists Act being mainly directed to prevent the use of certain titles by unregistered persons. The practice of dentistry has been a part of the business of a chemist both before and after the passing of the Dentists Act. The Chemists' Dental Society was founded because of the unjust discrimination which was made against chemists in a draft Dentists Bill, and we trust that the Society will continue vigorously its fight against this further attempt to penalise dental chemists.

American Trade in Chemicals.

In view of the large shipments of American chemicals which have been made to the United Kingdom recently, it is suggested that effective steps should be taken to bring about some form of control in the regulation of such imports unless the market is to be flooded with many unnecessary products which the country does not want. Already there is an accumulation of stocks of certain medicinal chemicals, which are sufficient for twelve months' supply, and in consequence the competition between American and British chemical manufacturers is intense, and likely to continue so, particularly in such products as acetanilide, benzoates, aspirin, phenacetin, hydroquinone, hexamine, saccharin, vanillin, permanganate of potash, salicylates, etc. Of what British makers have had to put up with in the way of competition saccharin affords a good example, as the following extract from the *Times* shows:—

The manufacture was established in England after the outbreak of war, but production was controlled, in that makers were permitted to sell only at a profit of 10 per cent. on cost, this profit being in turn subject to excess-profits tax. Further, to prevent the economic difficulties foreseen if saccharin competed with sugar, the price of English-made saccharin was fixed at a figure that involved the addition of 30s. per lb. to the price, this addition being appropriated by the Government. Simultaneously saccharin was made in America free of all control, and it came into this country unrestricted and on such terms that the American producers took the 30s. per lb. just mentioned, in addition to the considerable profit previously made by

reason of lower cost of manufacture. America, having thus been assisted by our Government to build up a big reserve of profits, is now actually selling saccharin in England at 8s. per lb.—a price at which it cannot be produced here—apparently with the legitimate trade purpose of destroying the English manufacture and subsequently running up the price.

When the British Government placed an embargo on the importation of saccharin there was, of course, a great outcry in America, and the ban was removed from time to time, the consequence being that a considerable quantity was dumped here some time ago, much to the disgust of British makers. Salicylates are now at a point where the United States makers find themselves unable to compete, and the output of all salicylic preparations in this country is quite sufficient to cover the home and export demand. Salicylic acid and sodium salicylate are being produced in quantities that more than meet the demand, and the plant is available for the production of still further quantities when required. If anybody should be disposed to commence the manufacture of these chemicals on the assumption that there is not sufficient produced in this country the result would be unnecessary price cutting by reason of over-production. American heavy chemical manufacturers and middlemen have been making attempts to invade European markets, but they have not met with any measure of success. They have, however, succeeded in disorganising prices in soda compounds, particularly caustic soda, British makers of which can hold their own against any competition. Many people are looking to a falling-off in imports of chemicals from the United States, as there has been a tendency for freights to rise, while the withdrawal of the Government control of the New York exchange has led to a rapid depreciation in the sovereign in terms of dollars. The par rate of exchange in normal times is 4.86⅔ dollars to the pound sterling, but for over three years of the war the rate was artificially maintained at about 4.76 dollars to the pound. One result of the fall is that purchases from the United States will be discouraged, while at the same time exports from this country to the United States should be encouraged, as the American merchant finds his dollar goes further, while the British importer's pound will buy him less than before. Should our exports increase the exchange may swing the other way, but it will be interesting to see if a further fall occurs. It may be that the rate may fall to as low as four dollars to the pound before a reaction occurs.

The Council Election.

There will be no contested election this year for the Council of the Pharmaceutical Society, as only seven candidates have signified their intention of serving if elected. As these seven are the retiring candidates, there will this year be no change in the constitution of the Council. We are a little curious to know how the by-law nomination and acceptance requirements have been carried out in the case of Mr. E. White, as this gentleman is known to be out of the country. The by-law requires that the retiring members shall be ascertained by the Council at the monthly meeting held in February. Nominations shall be made on or before March 18, and on or before March 20 the nominee is to receive a notice of his nomination, to which he must reply on or before March 31. There seems a lot of virtue in the word "before," or else the aerial post to India is already in working order and we were not aware of it.

Wills.

Mr. Joseph James Ogilvie Evans, chemist and druggist, 1 Orchard Gardens, Teignmouth, who died on December 25, left estate valued at 2,603*l.* 2*s.* 11*d.* gross, with net personalty 1,133*l.* 17*s.* 6*d.*

Mr. Charles Newman Holmes, chemist and druggist, 3 High Street, Clapham, London, S.W., who died on January 11, left property of the gross value of 978*l.* 16*s.* 2*d.*, with net personalty 665*l.*, and probate of his will has been granted to his widow, Mrs. Alice Florence Holmes.

Chemical Society.

The annual general meeting of the Chemical Society was held on March 27, at which the report of the Council, together with the statement of accounts for the past year, was presented, and the election of the officers and Council was held, Sir James Dobbie being elected President for the coming year. Sir William Pope then gave his presidential address. He referred to the change in public opinion towards chemists: the public is now less indifferent to their work. During the war the chemists had rendered signal services, and in this connection he paid a tribute to Lieutenant-Colonel Harrison, mentioning the proposal made by the Chemical Warfare Society to place a tablet to his memory in the meeting-room of the Chemical Society, and also to found a trust fund for young chemists. The chemists had formed an effective Gas Corps, and enormous demands had been made upon them in every branch where chemistry had been pressed into service in the war. They had achieved great things, and these only by getting the last ounce out of applied science. The production of war chemicals in Great Britain in 1914 was negligible; now it was satisfactory. The preparation of "mustard gas" was described by Victor Meyer in 1886 by a difficult process, yielding only 60 per cent. of the theoretical return, requiring three reactions—(1) the action of hypochlorous acid on ethylene yields ethylene chlorhydrate; (2) the latter is then treated with sodium sulphide; and (3) the resulting thiolglycol with hydrochloric acid. Although in June 1917, when "mustard gas" was first used by the Germans, over thirty years had elapsed since its preparation had been described, yet the Germans adopted the original, costly, and involved method, showing a lack of initiative. Six months later, as the result of research work conducted in British laboratories, a process was found making it possible to produce "mustard gas" in one reaction—viz., by the direct condensation of ethylene and sulphomonochloride, a process which furnishes 98-99 per cent. of the theoretical yield. At the date of the signing of the armistice the Allies' daily production equalled Germany's total monthly output. Sir William Pope also referred to the struggle for economy—*e.g.*, in substituting the use of ammonium nitrate for picric acid in explosives. Germany's extensions to her chemical works were permanent enlargements of her plant, whereas in Great Britain the war factories which had been erected solely for war purposes are now useless and have to be dismantled. He then referred to the steps taken in the United States to promote the expansion of that country's chemical industry. A staff of 1,200 research chemists was brought together, selected from the 15,000 chemists in the States, and the activities of this research council would make themselves felt in increased competition. At the end of his address Sir William dwelt on the necessity of scientific research being aided by the State, but administered by men of scientific attainments and training, and not by red-tape methods. He warmly advocated a closer co-operation between the various chemical societies, and outlined a few of the tasks which might be taken in hand, and which would occupy the attention of the federal council, such as the preparation of a compendium on lines similar to "Beilstein," and other standard works. The address was warmly applauded. Among the guests present were the President of the French Chemical Society and Professor Bourquelot.—The anniversary dinner was held in the evening, when the President was supported by Lord Moulton (Director-General of Explosives Supplies), Dr. C. Poulens (President, Société Chimique de France), Professor E. Fourneau (of the Institut Pasteur), Mr. H. A. L. Fisher, Sir Alfred Mond, Sir Herbert Jackson, K.B.E., Sir Richard T. Glazebrook, C.B., Sir J. J. Thomson, O.M., Professor H. E. Armstrong, Sir Aston Webb, Professor A. Béhal, Mr. W. L. Currie, Sir D. Prain, Mr. D. Lloyd Howard, Dr. Samuel Rideal, and Lieut.-Colonel A. W. Crossley.

Salvarsan Items.—Reports collected for the Home Department show that since the introduction of salvarsan took place, death appears to have been hastened in only 0.016 per cent. of the 75,000 cases investigated. Blindness followed its use in 0.0013 per cent. of administrations, and deafness in 0.0026 per cent.—At a meeting of dermatologists in Frankfurt, Professor Dr. Kolle, the successor of Ehrlich, gave the results of some new researches in salvarsan, made at the Frankfurt Institute of Therapeutics. Two new salvarsan preparations have been discovered—"Silversalvarsan" and a salvarsan that can be kept in solution. It is claimed that these preparations have some advantages over ordinary salvarsan.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

Qualitative Analysis.

A Mixture of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopœia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a *stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, April 8, on which day the samples will be posted. Students' reports will be received up to Saturday, April 19. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the final exercise in the analytical tournament for the current winter session. The usual monthly first and second prizes in this series of analyses will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact *must be attested on their reports.*

Business Changes.

Mr. J. Gordon Hume, F.C.S., Ph.C., has taken over the business of the late Mr. C. J. G. Bunker, 151 Lillie Road, London, S.W. 6.

Mr. T. G. Young, chemist and druggist, has taken over the business of Mr. R. J. McDermott, Ph.C., Rowlands Road, Worthing.

Mr. Maurice French, chemist and druggist, has acquired the Victoria Pharmacy, 15 St. Stephen's Road, Norwich, formerly carried on by Mr. C. H. C. Fitt.

The Trade Department of the dental business of A. A. Taylor, Ltd., has been transferred to 1 Basinghall Street, Leeds, under the style of J. Kermack McBain.

M. & G. Eustratiades inform us that the title of their firm has been changed to Eustratiadès Bros. (present address, Poste Restante, British Army Post Office, Galata, Constantinople).

Mr. W. H. R. Steele, chemist and druggist, has purchased the business of Mr. W. A. Goodall, Ph.C., 273 Fulham Road, London, S.W. 10, with whom he has been for the past seventeen years.

Mr. H. G. McKilligin, chemist and druggist, who recently disposed of his Cowdenheath business (*C. & D.*, February 8, p. 36), has acquired the pharmacy of Mr. J. Coulthurst, chemist and druggist, Ash, Canterbury.

Mr. A. G. Ruthven has succeeded to a partnership in the firm of P. Samuelson & Co., essential-oil merchants, 27 Mincing Lane and 32 Jewry Street, London, E.C. 3. Mr. Ruthven has been associated with the firm as manager for fifteen years.

British Merchants, Incorporated, Ltd., 37 Eastcheap, London, E.C. 3, is the title of a concern which has taken over the three import and export merchant businesses hitherto conducted by Becker, Shillan & Co., James Methven, Son & Co., Ltd., and J. H. Ironmonger, Ltd. (See also *C. & D.*, March 29, p. 49.)

German Potash.—The amount of potash which is to be exported from Germany to the United Kingdom, in part payment for food is now stated to be 30,000 tons (see *C. & D.*, March 22, p. 62).

Indian Lac and Dye Works.—A proposal for the manufacture of lac-dye from cake-dye, involving a capital outlay of Rs. 5,500 and a working capital of Rs. 5,800, has been sanctioned in the State of Mysore.

College of Ambulance, Ltd.—A course of lectures on "Tropical Ailments and their Prevention" is being held on Mondays and Wednesdays. The address of the College is 3 Vere Street, London, W. 1.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Devon.—A meeting of the Pharmaceutical Committee was held on March 19, Mr. March (Torquay) presiding. It was resolved that P.S. circulars be supplied to members of the Committee and to the Secretary of each District Association. The report of the Central Checking Bureau was approved. A Sub-Committee was appointed to consider the report of the Local Associations Executive Committee.

Sheffield.—A meeting of the Insurance Committee was held on April 2, when the application of Miss M. J. Glaister to discontinue attendance on Thursday evenings was postponed until the general annual review of hours. Mr. G. E. Banham has been placed on the panel for 18 Bridge-houses. The Committee decided that the scheme for supply of oxygen, which had been submitted by the Pharmaceutical Committee, was adequate. It was decided that from May 1 B.P. preparations must be supplied in place of those of the War Emergency Formulary. It was decided to communicate with the Railway Executive Committee asking that chemists should be given priority in the delivery of drugs, and that, under any scheme for the special treatment of patients, medicines must not be supplied by, or at the profit of, the practitioners giving attendance and treatment. The monthly account for drugs was 981*l.* 19*s.* 10*d.*

Smethwick.—At a meeting of the Insurance Committee, held on March 20, the Medical Benefit Sub-Committee reported that the order of the General Medical Council withdrawing from the Pharmacopœia glycerin and sugar preparations will be revoked from April 30. The doctors and chemists are to be notified, and the equivalents for the deleted preparations withdrawn. Statistical data of prescribing for the quarter and year ended December 31, 1918, were received, the totals being as follows:

—	Quarter ended Dec. 31	Year ended Dec. 31
Cost of ingredients	276*l.* 15*s.* 8*d.*	993*l.* 18*s.* 1*d.*
Cost of dispensing fees	305*l.*	1,128*l.* 15*s.* 8*d*
Number of prescriptions	21,316	79,649
Average cost of ingredients per prescription	3.12*d.*	2.99*d.*
Average cost of dispensing-fees prescription	3.43*d.*	3.40*d.*
Average total cost per prescription ...	6.55*d.*	6.40*d.*
Average cost per insured person ...	5.08*d.*	18.80*d.*
Average number of prescriptions per insured person...	0.78*d.*	2.94*d.*

The Finance and General Purposes Sub-Committee reported that cheques amounting to 163*l.* 14*s.* 2*d.* had been issued, since last meeting, as payment to chemists for December 1918 balances and January 1919 advances. For January 1919 balances and February advances 174*l.* 15*s.* 11*d.* had been issued.

Southport.—At the monthly meeting of the Insurance Committee, held on March 25, accounts amounting to 177*l.* 17*s.* were passed for payment to sundry chemists. The Insurance Commissioners have announced that the Order authorising the withdrawal from the British Pharmacopœia, 1914, of certain preparations containing glycerin and sugar will be revoked on April 30.

Wolverhampton.—A meeting of the Pharmaceutical Committee was held on March 24. Mr. F. J. Gibson was appointed delegate at the Local Associations' Conference. It was resolved to discontinue the War Emergency Formulary from April 30. The Secretary was instructed to write to the town and county Associations, asking the Secretaries if they are willing to take uniform action in respect to "Rept. Mist."—The Insurance Committee's report for the quarter ended September 1918 is as follows:

Number of prescriptions, 23,342.
Number of persons on doctors' lists, 29,919.
Average price per script, 4.29*d.*
Average dispensing-fee per script, 3.38*d.*
Average total cost per script, 7.67*d.*
Average total cost per insured person, 5.98*d.*

The Fine Art of "Ersatz."—A German paper asserts that a man was fined for adulterating the adulteration of a substitute for a substitute.

Associations' Winter Session.

Bournemouth.—A meeting of the Bournemouth Pharmaceutical Association was held on March 21, the President (Mr. D. D. Buchan) in the chair. Messrs. Bride, Critchison, Patrick, Radford, and Taverner were elected as members. Mr. P. F. Rowsell then gave an interesting address on the workings of the Proprietary Articles Trade Association. A discussion followed, in which Messrs. W. Jones, H J. Martin, F. Rose, Patrick, Bilson, and the President took part. Mr. Rowsell, in replying, appealed to the members to join the Chemists' Defence Association. The following resolution was unanimously carried:

That this meeting of the chemists of Bournemouth desires to express its appreciation of the work done by the P.A.T.A., and trusts the question of face values, that carry an adequate profit, will continue to be kept well to the front.

Cardiff.—The Cardiff Pharmacists' Association held a general meeting recently, the President (Mr. A. S. Johnson) in the chair. The question of Mr. Hagon's nomination arose, and Mr. Hagon said, after the South Wales and Monmouthshire Federation meeting in the afternoon, he had decided to accept nomination. During his fifteen years on the Council he had missed only three meetings. He thought that the Council was composed at present of progressive men, more so than in the past, and that no avenue of improvement was neglected. A discussion arose on the question of the Ministry of Health Bill, and the following resolution was unanimously passed: "That this meeting respectfully requests that the Welsh Ministry of Health should have powers independent of the Ministry of Health of England and be presided over by a Minister or Parliamentary under-secretary responsible to Parliament, and that this Minister should also represent Wales on the joint Committee to be established in which England, Scotland, and Ireland are to be represented by Ministers." A discussion also took place regarding Dr. Vachell's request for chemists to give adequate dispensing facilities and the suggestion that a rota be formed. Mr. Joseph said that doctors would probably give up dispensing. It was finally decided that a Committee be formed and that it report to the next general meeting. The following were appointed members: The President, Secretary, and Treasurer, Messrs. Joseph, Hagon, Lee Jones, Brims, Eason, H. F. Davies, and Taylor. It was proposed that a whist-drive be held soon.—Mr. Lloyd then spoke on *The Failure of Pharmacists and the Reasons for that Failure.*

Devon.—A meeting of the Devon Pharmaceutical Association was held recently, Mr. March (Torquay) in the chair. The President (Mr. Rowsell) and Secretary (Mr. H. W. Gadd) were absent owing to urgent business in London. The delegates to the forthcoming Conference of Local Associations were instructed to inquire what steps had been taken for the proper representation of pharmacists in the Ministry of Health Bill. The Secretary reported that 196*l.*, collected for the War Auxiliary Benevolent Fund, had been remitted to the Pharmaceutical Society, but it was resolved that efforts should be made to obtain further subscriptions. The decision of the General Medical Council to re-introduce the deleted B.P. preparations on May 1 was received with protest, it being considered that not less than three months' notice should have been given. It was resolved to notify the Secretary of the Pharmaceutical Society that the Association approves of the fuller reports of Council-meetings which have lately appeared in the "Pharmaceutical Journal," and it trusts the Council will take all possible steps to resist the admission of apothecaries' assistants to the Register of Chemists and Druggists.

Edinburgh.—The annual meeting of the Edinburgh Chemists' Assistants' and Apprentices' Association was held in the Pharmaceutical Society's House, 36 York Place, Edinburgh, on March 26, the President (Mr. Henry Stout, Ph.C.) in the chair. The Hon. Secretary (Miss M. G. Boag) submitted the annual report, showing an increase of twenty-one in the membership since last session, largely due to a great addition of lady members. The Hon. Treasurer (Mr. Thomas A. Smith) submitted the financial statement, showing a balance of 7*l.* 9*s.* 2*d.* The following were elected office-bearers for next session: *President*, Mr. Henry Stout, Ph.C.; *Vice-President*, Mr. H. W. Blair; *Secretary*, Mr. Thomas A. Smith; *Treasurer*, Miss Jessie Findlater; *Committee*, Misses Boag, Dyce, and Ingram, Messrs. Cairns, Grieve, Robertson, Tait, Teesdale, and Young.—Mr. J. G. Robertson read a paper on *Quacks and Quackery.* He described the origin, application, limitations, and early history of the words, giving some amusing examples of the quackery allied to superstition of ancient times. Though a source of ridicule to us, these charms healed by faith. The speaker recommended a perusal of J. Cordy Jeffreson's book about "Doctors." St. John Long and Mesmer were mentioned, also the cures coming under the heading of spiritualism, among which the case of Mrs. Loutherbourg in 1789 was a conspicuous example. An interesting discussion by Messrs. Blair, Grieve, Hill, Tainsh, and Tait followed.

Ipswich.—A meeting of the Ipswich Chemists' Association was held on March 26, the President (Mr. G. N. Edwards) in the chair. Messrs. Hales (Ipswich) and Wilson (Stowmarket) were elected members. Mr. Symonds was appointed to represent the Association at the forthcoming Local Associations Conference. The Secretary reported that as a result of Mr. Parry's address at Norwich 46*l.* had been subscribed to the War Auxiliary Benevolent Fund. Mr. J. Keall, President of the Proprietary Articles Trade Association, then gave an address on *Anti-cutting and Face Values*, pointing out that the work of the P.A.T.A. had been carried on to the great advantage of retailers for the past twenty-three years. As regards face values, 82 per cent. of the articles on the protected list were at face values, but face values without adequate profit were worthless. Mr. Keall urged the importance of Associations bringing pressure upon any local manufacturer in fixing protected prices, and spoke of the inconvenience of the present fixed values requiring 3*d.* and 6*d.* stamps. An animated discussion followed, during which the rumoured proposal of the Pharmaceutical Society to admit outsiders to the Register of Chemists and Druggists met with strong criticism; and ultimately a resolution was passed thanking Mr. Keall for his address and approving the suggestion that the patent-medicine duties should be altered by raising the present limits of value to 1*s.* 3*d.* and 3*s*, or, failing that, by the imposition of duties *ad valorem.*

Lancaster.—The annual meeting of the Pharmacists' Association was held on March 26, the President, Mr. H. Troughton, in the chair. The Treasurer (Mr. Bate) reported a balance of 6*l.*—Mr. Hugo Wolff, member of the Pharmaceutical Council, spoke on *The Local Associations Executive*, and considered it had proved a failure. He said it was most essential that there should be an industrial council representing employers in pharmacy on the lines of the Whitley report. This council should be composed of representatives of wholesale houses, stores, and approved institutions, such as hospitals, and chemists actively engaged in the retail business. Drug employers are already organised, and an urgent meeting of the Pharmaceutical Council had been called to consider the formation of an Industrial Council. Unless this course was adopted speedily, pharmacy would be dealt with by a Trade Board.—In reply to questions, Mr. Wolff explained the position of the apothecary's assistant; and Mr. N. Blacow elicited the information that the deputation which went to interview the War Office regarding the status of pharmacists in the Army did not include a man on service.—The following officers were elected: *President*, Mr. H. Troughton; *Vice-President*, Mr. F. N. Whitehead; *Hon. Secretary*, Mr. J. B. Shattock; *Treasurer*, Mr. A. Bate; *Auditor*, Mr. A. T. Maxwell; *Council*, Messrs. J. Vince and R. S. Angus, with the officers.—A Conference was held on the same day, at the invitation of the Proprietary Articles Trade Association, to consider the questions of *Profits on Proprietaries and Face Values.* Mr. H. Troughton (President of the Lancaster Pharmacists' Association) was in the chair. He said that the local pharmacists had invited others, who dealt in proprietary articles, to hear an address by Mr. Hugo Wolff, London. Mr. Wolff dealt first with the method of securing face values. He could remember when patents were sold at cost price. Now there was a fairly good margin of profit. Mr. W. H. Saunders, Liverpool, had got a committee formed to educate and inform Associations as to the importance of face values. That committee had put additional profit of thousands of pounds into the pockets of the trade, and had formed a special committee to deal with the phase of price protection. The first persons to benefit would be the British public. Nothing disturbs confidence in any trade quicker than the fact that there are two prices for an article. Loss of confidence between buyer and seller undermines the whole foundation of business. The wholesaler was in favour of face values. Mr. Wolff drew attention to photographic goods and accessories which were invoiced at full prices and the discount taken off at the foot of the invoice. This method was a great saving of time. With regard to the manufacturers, they were divided, but, fortunately, the majority were in favour of face values. Mr. Saunders had approached a pill manufacturer who claimed that his firm's products were being sold at face value. Together they visited about a dozen shops, and only two were selling the pills at the same price! Face value is no good unless it is enforced. He believed

it could be done by the P.A.T.A. It was a matter for congratulation that during the last three years the percentage of firms on the P.A.T.A. list adopting face values was in the following proportions: 45 per cent. in 1917, 55 per cent. in 1918, and 82 per cent. in 1919, for which he claimed some credit for the Face Values Committee. They had been interviewing manufacturers with a view to getting them on the list, but had had rather a mixed reception. It was not reasonable to expect retailers to work without profit. The firms who were "Ellimanising" would have to come into line with the P.A.T.A., or they would get a rude shock. In conclusion he asked them what the profit on proprietary articles should be. Two things had to be taken into consideration. One was the nature of the article. They would expect more profit on a toilet luxury than on food. The second was, if they were selling an article every day, it might pay them to accept a lesser profit on the turnover of capital. Protection without profit was useless. A vigorous discussion followed, and questions were invited. In reply to Mr. Townley (Keswick), Mr. Wolff stated that the stamp-duty interfered with raising the price without at the same time raising the stamp valuation. The only remedy was alteration of the incidence of taxation. In answer to a question from the Chairman, the rate of profit would be fixed at 20 per cent. But if a firm offered 15 per cent. should the preparation be placed on the list? The opinion of the meeting appeared to be that 20 per cent. was the minimum that should be accepted. Mr. Wolff said his query was only to test the meeting. In response to Mr. Shattock (Lancaster), Mr. Wolff said formerly he would have no one on the list unless they were agreed as to face values. But if an article gave 20 per cent. profit irrespective of face values he would accept it. That is the only alteration in the original programme. Mr. Shattock urged that it would cause the same muddle as exists at present. Mr. Wolff realised that they wanted fair profit with face values, but if he could not have both he would have profit, though he would not be satisfied until he got 33⅓ per cent. on everything. Resolutions embodying the feelings of the meeting in regard to face values and percentage of profit were then carried, and a further resolution urged the P.A.T.A. to take up the question of incidence of stamp-duty with the Board of Customs and Excise.

London (S.W.).—A meeting of the South-West London Chemists' Association was held on March 25, the President (Mr. John Humphrey) in the chair. Mr. W. S. Glyn-Jones gave an address on *Pharmaceutical Topics.* He showed how the unequal incidence of the medicine-stamp duty was a difficulty in the way of arranging for some proprietaries to be sold at face-value, and asked the co-operation of the chemists in trying to obtain revision of the medicine-stamp duty. He explained also the position of chemists in regard to early closing, Industrial Councils, and Trade Boards. Special consideration should be given to apprentices and assistants when problems affecting the future of pharmacy are in question. Finally, Mr. Glyn-Jones dealt with changes in pharmaceutical education and the pending division of the Qualifying examination. The draft scheme for dispensing charges in the South-Western district was submitted to the members, and a Sub-Committee appointed to deal with it. A discussion of topical matters followed.

London (W.).—A meeting of the Western Association was held at 316 Regent Street, W., on March 27, the President (Mr. C. A. Noble) in the chair. The transaction of routine business was followed by announcements concerning surplus stocks (which are to be transferred on a new system) and the movement for seven-o'clock closing. The sum collected to date by the Association for the War Auxiliary Benevolent Fund (exclusive of several amounts sent through other channels) was 702*l.* 14*s.* Mr. P. F. Rowsell (Exeter) member of the Council of the Pharmaceutical Society, then addressed the meeting on *Face Values and the Proprietary Articles Trade Association.* After some observations on the Ministry of Health Bill and other current topics, Mr. Rowsell gave a concise account of the achievements and the policy of the P.A.T.A., intimating that the question of whether 20 per cent. was sufficient profit was under consideration. Paying, in passing, a tribute to Mr. Glyn-Jones, he read the resolutions arrived at on the previous day by the Council of the Pharmaceutical Society (*C. & D.*, March 29, p. 63), and pointed out their bearing on the question of working expenses. An analysis of manufacturers already members of the P.A.T.A. showed that 253 out of 307 protected their products at face values. In the ensuing discussion, in which the Chairman and Messrs. Melhuish, Ellerington, R. R. Pratt, Barrett, and other members participated, the names "Elliman" and "Kernak" were prominent, and some interesting facts were elicited. The following resolution was carried: "That this meeting of the London Western Pharmacists' Association desires to express its appreciation of the work done by the P.A.T.A., and urges it to continue its efforts on behalf of face value combined with an adequate profit." A vote of thanks to Mr. Rowsell for his informative address and his replies to questions was heartily accorded.

Newport.—A meeting of the Newport (Mon.) Chemists' Association was held on March 25, the President (Mr. T. J. Badgett) in the chair. The Secretary read communications from the Pharmaceutical Society, the clerk to the Insurance Committee, and others, and the President, as delegate, reported on the last meeting of the Newport Trades' Council. A discussion was held on pharmaceutical affairs, and shop hours in particular. All present were in favour of a shorter working day. One or two chemists in the suburbs who formerly kept open until 9.30 P.M. now close at 8 P.M. One hour's service is given on Sunday evenings, and no attendance on Thursdays after 1 P.M. The delegate to the forthcoming Local Associations Conference was further instructed to support any resolution in favour of earlier closing, with a view to its incorporation amongst the changes foreshadowed in the coming Ministry of Health.

Plymouth.—A Committee meeting of the Plymouth Association of Pharmacists was held recently, Mr. C. J. Park presiding. A letter from Mr. Shelton was read regretfully declining the offer of the presidency, and Mr. J. D Turney was appointed to the office. The Secretary reported having received replies from Allen & Hanburys, Ltd., and Burroughs Wellcome & Co., acknowledging receipt of a resolution, from the previous meeting, asking for larger profits on preparations issued by these houses, the former pointing out that they have recently increased the profit on many of their lines, the latter firm declining to make any alteration. It was decided to call the attention of members to the increased dispensing-fees advised in the Minimum Retail-price List, as complaints had been received of serious differences in the fees charged. The issuing of the Minimum Retail-price List had depleted the surplus funds of the Association, and it was therefore decided that the annual subscription be raised to 8*s.* Mr. R. F. Roper was elected as representative to the Local Associations Conference. It was decided to join the Plymouth Traders' Association.

Sheffield.—The monthly meeting of the Sheffield Pharmaceutical and Chemical Society was held under the presidency of Mr. A. H. Culverhouse. The Secretary reported on the negotiations with the railway companies. Mr. P. F. Rowsell addressed the meeting, which included representatives of the Grocers' Association, on *The Advantages of the Proprietary Articles Trade Association and of the Chemists' Defence Association.* He urged local Associations to accept service on the local Venereal Diseases Committees. He then retraced the history of the P.A.T.A. of twenty-three years ago, which included six protected articles, compared with the present-day list of 6,000, and paid tribute to the manner in which Mr. Glyn-Jones sticks to any matter he takes up. They have not neglected the question of face values, but their first plank has always been adequate profit. The speaker pointed out that a larger profit will have to be secured. The Council held a special meeting to deal with a demand of the Ministry of Labour that, as a distributing trade, we should come under the Trade Boards Act. The Secretary had been to their Conference, and had objected to the trade being subjected to the Trade Board regulations, stating that, if pharmacists had to be regulated, it should be by the Industrial Council. The regulation of wages was unnecessary. The wholesaler and retailer could form an Industrial Council, and the Local Associations Executive and the Societies' organised Conference could deal with the wages question. He spoke of the number of articles protected at face values, and said the medicine-stamp duty was receiving attention. Travellers for firms whose goods were not protected should not be encouraged. He was surprised that anyone should be so unwise as to remain outside the C.D.A.—Mr. J. Gilbert Jackson suggested that grocers should share in the expenses, and was of the opinion that if the Committee had not been formed in Birmingham, face values would never have been established. The grocers' representatives said their Association would be willing to share in the expenses. Mr. Austen asked why the C.D.A. refused to accept as members private limited companies, and Mr. Rowsell promised to go into the matter. He pointed out that some grocers subscribed, and only half the chemists. He suggested that the local lists of chemists should be under three columns, showing if they belonged to the Pharmaceutical Society, the P.A.T.A., and the C.D.A. Messrs. J. T. Appleton, C. H. Hewitt, H. Brown, and A. Knowles continued the discussion. It was resolved: "That this meeting of the Sheffield Pharmaceutical and Chemical Society heartily support the P.A.T.A. in its efforts on behalf of face-values, but at the same time desire that an adequate profit be assured."

Festivities.

Social Evening.

The directors and staff of C. R. Harker, Stagg & Morgan, Ltd., held a whist-drive and social evening at Slater's Restaurant, Leadenhall Street, E.C., on March 27, under the presidency of Mr. Thomas White, chairman of the board of directors. Mrs. Morgan with Mrs. Stagg presented the prizes. A capital programme of music was provided by the staff and friends.

A Welcome Home.

A successful smoking-concert, arranged by the Wolverhampton Chemists' Association to welcome the returned warriors connected with pharmacy, was held on March 26. The President (Mr. C. M. Warner) heartily greeted the men who had come back, and hoped that the social side of the Association, held in abeyance during the war, would be renewed. He concluded by proposing the health of the heroes, which was received with musical honours. The Vice-President (Mr. R. J. T. Hagyard) responded.—The Secretary proposed Messrs. Bankes and Bate as members, and Mr. Taft as an associate, of the Association.

Mr. Hewlett's Return.

The demobilisation of Mr. Vivian C. Hewlett, Ph.C., director of C. J. Hewlett & Son, Ltd., was celebrated by a dinner given by him at the Talbot Restaurant, London Wall, London, E.C., to the heads of the various departments on March 27. In the course of the proceedings Mr. E. J. Millard, F.C.S., managing director, presented to Mr. Vivian Hewlett a silver cigarette-case, subscribed by the guests as a memento of the occasion, and, referring to the three and a half years he had spent in the R.N.V.R., said they could not be considered wasted, as the discipline and experience gained in handling men would prove a useful asset in after-life. The directors and staff were proud that, although he might have avoided service, he had taken the path of duty when the call for men was urgent. In replying, Mr. Vivian Hewlett expressed his pleasure in meeting them all again, and said that in resuming his directorship he would be able to relieve Mr. Millard of some of the detail work in the management of the business, which he had carried on in his absence. He regretted it was impossible for Mr. John C. Hewlett, F.C.S., to be present that evening. The gift would be cherished as an expression of their good feeling towards him. Songs by Mr. A. Street, Secretary to the company, and pianoforte solos by Mr. F. W. Hull added to the enjoyment of a very pleasant evening.

"Victory" Dinner.

The Liverpool Chemists' Association held a "Victory" dinner at the Bear's Paw Restaurant on March 26. The President (Mr. David H. Evans) was supported by Dr. Murray Cairns (ambulance-class instructor to the Pharmacists' Voluntary Aid Detachment), Dr. Symes, Mr. L. Moreton Parry, Mr. Harold Wyatt, Mr. W. H. Saunders, Mr. Gill Hodgson (Insurance Committee), and others. The Mayor and Mayoress of Birkenhead attended unofficially. Mr. Wm. P. Evans (Evans Sons Lescher & Webb, Ltd.) was absent owing to the death of Captain E. C. Evans (*C. & D.*, March 29, p. 57). A capital programme of music was given. The President, in proposing the "Pharmaceutical Society," referred to the magnificent work it had done during the war. Mr. Moreton Parry (Chairman of the Benevolent Fund Committee) replied and, in the course of his remarks, said the proposed Trade Board would probably be forced upon pharmacists whether they liked it or not. If practicable, a Whitley Council should be formed. The Benevolent Fund now reached nearly 20,000*l*. Mr. Parry spoke of pharmacy's contribution to the war, and stated that not a single widow or orphan would remain unprovided for. The "Liverpool Chemists' Association," proposed by the Mayor of Birkenhead, was responded to by Mr. H. Humphreys Jones (Ex-President), who gave a brief historical review of the Association's history, dating from 1841. Mr. J. L. Hirst proposed "The Medical Profession," and Dr. Murray Cairns replied. The remaining toasts were "The Ladies" (Mr. Wyatt) and "The Visitors" (Mr. Clubb). The proceedings were curtailed by the "effluxion of time."

Essex County Dinner.

The outstanding features of the dinner of the County of Essex Association of Pharmacists at the Holborn Restaurant, London, on March 27, were cheerful friendliness and good speeches. The chair was occupied by Mr. C. Rundle, President of the Association, and he was supported by Messrs. W. J. U. Woolcock, M.P., P. F. Rowsell, and John Keall (Councillors of the Pharmaceutical Society), T. Edward Lescher, W. S. Glyn-Jones, and a gathering of about a hundred, including members of the Association and prominent men in the wholesale drug-trade, with their wives and lady friends. After disposing of an excellent dinner and the loyal toast, a touching and impressive tribute was paid, on the initiative of the Chairman, to the memory of the late Mr. J. H. Matthews, of Leytonstone, the whole company upstanding in silence. The keynote to the condensed excellence of the speeches was struck by Mr. T. England, of Romford, who proposed "The House of Commons," in a brief speech which was a model for after-dinner pharmaceutical orators. He referred to Mr. Woolcock as the man who, during his short "dictatorship" of the Pharmaceutical Society, had done more for the craft than had been done in the previous twenty years of the Society's existence. In his reply Mr. Woolcock was equally terse, and extremely effective. After alluding to the need that had already been impressed upon him for men in the House of scientific mind (like pharmacists) to tackle intelligently zoological problems like the Slough "white elephant," he passed on by easy and eloquent stages to the higher plane. In a few weighty sentences he indicated the desirability of focussing the minds of all thinking men and women on the serious world problems of the moment. "Any fool," he said, "can make a war—one fool did—but it takes a very wise man to make a good peace, and this is what we should all concentrate on in these troublous days." The good example of the previous speakers was followed with excellent results by Mr. C. Goode, of Poplar, who gave "The Pharmaceutical Society." In a few minutes Mr. Goode indicated various urgent reforms that should speedily be taken up and decided by the Council. These included dispensing by doctors, more elbow-room for the Editor of the Society's Journal, and the question of wholesalers restricting the sale of poisons to qualified persons. Incidentally he paid a high compliment (indirectly) to "Xrayser II.," and his speech on the whole was extremely happy. The reply was in the hands of Mr. W. S. Glyn-Jones, who was not at his best. Although adjured by Mr. Goode to "let himself go," the Secretary spoke with a reticence and restraint unusual for him, merely alluding to the meeting of the Distributive Trades Board and to the fact that in conference with other bodies of a more highly professional character pharmacy seemed to be equally welcome. Following Mr. Woolcock's lead he ended on the higher note advocating a greater broad-mindedness, wider views, and the "avoidance of petty personalities." An opportunity, well taken advantage of by Mr. T. L. Nicholls, of Chelmsford, was given to bring forward points concerning National Health Insurance matters in the toast of "The Essex County Insurance Committee." This was replied to sympathetically by Mr. J. Burrows, J.P., who is the Chairman of the Committee, and he had nothing but good to say about Essex pharmacists. The toast of "The Association" was given by Mr. J. P. Gilmour, and the Chairman responded. "The Visitors" were toasted by Mr. A. Catto, of Ilford, and Mr. W. E. Booth and Dr. W. O. Pitt replied. The musical arrangements were in the capable hands of Mr. Lyell Johnston, a personality not unknown in drug-trade circles apart from his platform work. He was most ably assisted by Miss Edith Eatherley and Miss Beatrice Jeffreys.

Italian News.

Tripoli's Future.—Italians are determined not only to be self-supporting as regards drugs, but also to become big exporters. With this end in view they have taken stock of their natural resources, and intend their African colony, Tripoli, to become unequalled in the cultivation of *Ricinus communis*, opium poppy, and mustard, and probably other plants.

Olive-oil Industry.—The Government had to forbid the felling of olive trees for fuel, as firewood had become so scarce that it paid the proprietor to cut down poorly productive trees rather than continue cultivation. Italy does not support its olive industry too well. Olive oil has been spoken of as being therapeutically equal, if not superior, to cod-liver oil, more palatable, more easily assimilated and emulsified, yet Italy imports 10,000,000 quintals cod-liver oil against an export of 16,000,000 quintals olive oil.

Liquorice in the Abruzzi.—In this district the industry has declined, many factories closing down owing to lack of roots. The plant grows freely in Sicily and Calabria, where the best factories are. Roots gathered in September or October vary much, as generally little attention is given to their cultivation, which brings down the juice value very low. Better means of cultivation and extraction, increased production, and greater care in packing for transport are needed if the industry is to pick up again.

Trade Report.

42 Cannon Street, E.C. 4, April 3, 3 p.m.

Business in chemicals and drugs has shown a very slight improvement, the gradually declining tendency in prices still being in operation, and while this is so buyers only purchase sufficient to supply immediate needs. The general expectation is that when business does improve a number of items will again find a normal level, but before this takes place heavy losses will have to be incurred. Many dealers have ceased to take interest in a number of imported products, and are not ordering supplies from the United States. Stocks here and there are being depleted, and are unlikely to be replenished until more satisfactory conditions prevail. Moreover, the American exchange still continues to operate against this country, and increased difficulty has been experienced in booking freights to the principal British ports. Very keen competition continues to prevail between American and British makers in many items, such as salicylates, aspirin, acetanilide, phenacetin, benzoates, hydroquinone, gallic and pyrogallic acids, hexamine, saccharin, vanillin, etc. Salicylates are now at a very low point, and there ought to be some prospect of a slight recovery, as the margin of profit is bare. The principal changes of the week include a reduction in quicksilver, and the mercurial salts will follow. Industrial methylated spirit has been reduced 2*s.* per gal. and methylated ethers by 5*d.* per lb.; chloroform is 1*s.* lower. Morphine and codeine salts are easier. Citric and tartaric acid and cream of tartar are all cheaper. A number of the soda salts have been reduced. Menthol shows an improvement. Cocoa-butter, farina, and white pepper have also moved in sellers' favour. Fenugreek, canary, caraway, and dill seeds are cheaper.

Higher	Easier	Lower
Ammon. ichthyosulphonate	Acetanilide	Acetic anhydride
Cocoa-butter	Anise oil, star	Amidopyrin
Farina	Benzoic acid	Ammon. phosphate
Pepper, white	Calc. chloride	Arrowroot
Peppermint oil (Amer.)	Citric acid	Arsenic
Pimento	Dill-seed	Barbitone
Tartar, emetic	Gambier	Benzaldehyde
	Jalap resin	Benzonaphthol
	Naphthalene	Calc. acid. phosph.
	Oxalic acid	Canary-seed
	Paraform	Caraway-seed
	Paraldehyde	Carbon bisulphide
	Phenazone	Caffeine
	Podophyllin resin	Chloroform
	Pot. chlorate	Codeine and salts
	Salicylic acid	Coumarin
Firmer	Soda benzoate	Cream of tartar
	Soda bisulphite	Creosote carb.
Cloves	Soda hypo. (pea cryst.)	Dextrin
Menthol	Soda nitrate	Ethers, meth.
Soya oil	Soda prussiate	Fenugreek-seed
	Soda sulphide	Gallic acid
	Tartaric acid	Gum copal
		Homatropine
		Lactic acid (tech.)
		Lead acetate
		Liquorice-juice ext.
		Lithopone
		Morphine salts
		Otto of rose (Fr.)
		Phenacetin
		Pyrogallic acid (cryst.)
		Quicksilver
		Shellac
		Soda acetate
		Soda phosphate
		Soda salicylate
		Spirit, meth.
		Starch powder
		Theobromine, pure, and soda sal.
		Vanillin
		Vermilion

Cablegram.

New York, April 2.—Business is quiet. Quinine has been reduced to 80c. per oz. and acetanilide to 42c. per lb.

Acetanilide is unchanged and in slight demand at 3*s.* per lb. for small lots.

Acetic Acid.—Demand remains good without further change in price, consignments coming forward being readily absorbed. Freight is difficult to obtain, especially to the principal ports.

Acetic Anhydride is cheaper, 85 to 95 per cent. offering at 6*s.* 6*d.* per lb. in carboys.

Alcohol.—The "Times" in a Budget forecast intimates that there will be a further considerable taxation of both beer and spirits.

Amidopyrin.—Fresh consignments have arrived, and can be had at 65*s.* per lb.

Ammon. Ichthyosulph.—Importers are tired of selling at unprofitable prices, and the quotation is raised to 2*s.* per lb. in original cases.

Ammon. Muriate.—Galvanisers' quality is offered at 49*l.* per ton in casks.

Ammon. Phosphate is lower, 98 to 100 per cent. offering at 120*l.* per ton on the spot in casks.

Anise is quoted 75*s.* per cwt. for Russian and 90*s.* for Spanish.

Anise Oil, Star, is easier, with spot sellers of "Red Ship" brand at 4*s.* 3*d.*

Antimony is dull but seems a little steadier, as the marketing of Government stocks of regulus is not being forced in the present state of trade. The demand is apparently largely confined to makers of type, the supply of which is being slowly replenished. Foreign regulus is selling privately at around 39*l.*, compared with 44*l.* quoted for English. There is but little crude available, and, although some people call the quotation 35*l.*, buyers' ideas are about 30*l.*

Arrowroot is lower; St. Vincent M grade has been fixed at 7*d.*, making the range 6¾*d.* to 8*d.*

Arsenic.—The market has remained unsettled, although it is no worse at the moment, all sorts of prices being heard of from about 40*l.* downward for white Cornish powder. The halt in the downward movement seems only temporary, or until additional supplies come on the market from outside sources.

Aspirin.—Keen price-cutting still continues, and the article is in an unsatisfactory position so far as makers are concerned. From 7*s.* 6*d.* to 7*s.* is quoted, and the lower price could be eased for quantity.

Balsam Peru has been selling more freely at 16*s.* per lb. net ex wharf.

Balsam Tolu.—Spot sales have been made at 6*s.* 6*d.* per lb.

Benzaldehyde free from chlorine is offered at from 8*s.* 3*d.* to 8*s.* per lb.

Benzoates.—According to all appearances, American importations of benzoic acid will shortly cease, as sufficient will be made here to provide for our requirements. There are spot sellers at 7*s.* 6*d.* for acid, and at 7*s.* 3*d.* for soda benzoate.

Benzonaphthol has been reduced to 25*s.* per lb.

Bromides ought to command more attention from buyers at the present reduced prices, as, should any improvement come about, it will be sudden. Potash crystals are quoted at 2*s.* 9*d.* to 3*s.*, ammon. at 3*s.* (2*s.* 9*d.* to arrive), and soda at 2*s.* 6*d.* to 2*s.* 7*d.*

Caffeine is being imported from the Continent, and the price of the pure alkaloid is cheaper at from 33*s.* to 32*s.* 6*d.* per lb.

Calcium Acid Phosphate is about 20*l.* to 25*l.* per ton cheaper, makers offering prompt delivery in kegs at 85*l.* per ton.

Calcium Chloride is easier, solid 70 to 75 per cent. offering at 9*l.* per ton in casks, ex Liverpool.

Calcium Lactate.—B.P. quality is now obtainable from neutral countries at 10*s.* 6*d.* per lb.

Camphor (Refined) is quiet, the spot value of Japanese refined 2½-lb. slabs being 8*s.* 9*d.*

Canary-seed is lower, the quotation being 210*s.* to 225*s.* per quarter for ordinary to good Morocco and 230*s.* to 250*s.* for fair to good Spanish.

Caraway-seed.—The price of Morocco and Tunis has fallen to 130*s.* per cwt. in order to compete with Dutch, which is offering at 138*s.* c.i.f. terms.

Carbon Bisulphide is offered at 46*l.* per ton, drums extra, being cheaper.

Cascara Sagrada.—Fair three-year-old is offered at 120*s.* per cwt. on the spot, which is below the parity of the price asked to arrive. A small spot business is being done.

Castor Oil.—Liverpool market is quiet, with English pharmaceutical offering at 83*l.* per ton, 80*l.* for first pressing, and 75*l.* for second pressing, ex mill, and plus 4*l.* per ton in barrels.

Chloroform is 1*s.* per lb. lower, pure B.P. offering at from 3*s.* 3*d.* to 3*s.* 6*d.* per lb. net, according to quantity, the lower quotation being for half-ton lots.

Citric Acid is easier, with spot sellers at 4*s.* 4½*d.* per lb. The London price still remains below that prevailing in Italy.

Cloves continue quiet, with small sales of fair Zanzibar at from 9*d.* to 9½*d.* per lb., and to arrive, April-May shipment, at 8½*d.* c.i.f., being firmer.

Cocoa-butter.—Spot sales have been made up to 2*s.* 8½*d.* per lb.

Cocaine meets with somewhat keen competition among dealers at from 37*s.* to 36*s.* per oz. for hydrochloride. Supplies of raw material to makers are more plentiful.

Codeine.—Makers' prices have been reduced by 1*s.* per oz., crystals and precip. offering at 29*s.* Hydrochloride, phosphate, and sulphate are quoted at 25*s.* per oz.

Cod-liver Oil.—Our Bergen correspondent writes on March 25 that the official report gives the following results for the cod-fisheries up to March 22:

	1917	1918	1919
Catch of cod (millions)	14·3	8·1	9·0
Yield of c.l.o. (hect.)	21,200	8,600	12,100
Liver for "raw" oils (hect.) ...	2,500	1,500	1,500

Quotations for finest new Lofoten medicinal oil are unchanged at from 400*s.* to 450*s.* per barrel c.i.f., but the issue of export licences from Norway appears to be still in abeyance.

Copper Sulphate.—We referred some time ago to a tacit understanding having been reached among the larger home makers to hold the f.o.b. export price at a certain figure pending developments with overseas prospects. This figure appears to be 48*l.* per ton, less 5 per cent., but of course, in view of the firmer aspect of the market for the metal, this basis may be revised. The export demand, however, is still very quiet pending peace developments. It is, however, stated in one quarter that a fairly big quantity was recently arranged for shipment to Black Sea ports, which is possibly intended for Roumania, which country in pre-war times was a good customer. A few inquiries are reported from other Continental ports, but these are chiefly of a tentative character. The surplus stocks available in makers' hands will presumably easily be disposed of later on, when more settled political conditions prevail. The home trade demand is exceedingly quiet, and the price asked for farmers' use is from 47*l.* to 49*l.* per ton.

Coriander-seed is unchanged at 22*s.* 6*d.* per cwt. for good Morocco.

Cream of Tartar continues to decline, and prices are still very irregular at from 260*s.* to 270*s.* per cwt.

Creosote Carbonate.—Supplies are arriving more freely, and the price in consequence has fallen to 65*s.* per lb.

Cumin-seed is slow of sale, and the quotation is nominal at 40*s.* to 45*s.* per cwt. for ordinary to good Morocco. For Malta 60*s.* is asked.

Dextrin is lower, white offering at 60*l.* and yellow at 55*l.* per ton.

Dill-seed is easier, with spot sellers of ordinary East Indian at 32*s.* 6*d.* per cwt.

Ethers prepared from industrial methylated spirit have been reduced by 5*d.* per lb. B.P. s.g. .720 is now 3*s.*; s.g. .730, 2*s.* 1½*d.*; s.g. .725, 2*s.* 3½*d.*; s.g. .720, 2*s.* 4½*d.*; s.g. .717, 2*s.* 8*d.* per lb.

Eucalyptol has a firmer tendency; sales of 100 per cent. have been made at about 8*s.* 9*d.*

Eucalyptus Oil is unchanged, but when peace is proclaimed some large orders may be placed here for the Continent, which may effect an improvement in values.

Farina has been in fair demand, Japanese No. 1 selling at from 34*s.* to 36*s.* 6*d.* per cwt. on the spot, and April-May shipment at 28*s.* 6*d.* to 34*s.* 6*d.* c.i.f.

Fenugreek-seed is lower, with business in new crop Morocco at 12*s.* and old crop at 11*s.* per cwt.

Formaldehyde is in good demand at prices varying from 130*l.* to 125*l.* per ton.

Gallic Acid.—The reduction in galls enables makers to sell pure at 6*s.* 6*d.* per lb.

Galls.—Spot sales of blue Persian have been made at from 130*s.* to 135*s.* per cwt. Further shipments are coming forward.

Gambier is cheaper at 32*s.* 6*d.* per cwt. on the spot; cubes offer at 50*s.*

Glucose.—American liquid for April delivery is offered at 47*s.* per cwt. on the spot.

Honey.—Business is small, buyers preferring to wait the result of the public sales next week. Current values are: Australian, 55*s.* to 60*s.*; Californian, 80*s.* to 95*s.*; Cuban, 70*s.* to 80*s.*; and Jamaica, 75*s.* to 80*s.*

Hydrogen Peroxide.—Makers quote at 2*s.* 6*d.* per gal. for 10 vol. and 2*s.* 8*d.* for 12 vol.

Jalap Resin is slightly easier, makers quoting at 32*s.* per lb. and powdered 33*s.* 6*d.*

Lactic Acid is about 10*l.* per ton cheaper, technical (50 per cent.) offering at 90*l.* per ton in barrels on the spot.

Lead Acetate is about 20*l.* per ton lower, white for prompt delivery offering at 100*l.* per ton in casks; grey and brown are also cheaper.

Lemon Oil meets with keen competition on the spot, and for quantity a rather low figure has been accepted. It is possible to buy good brands at 5*s.* per lb., and to arrive from 4*s.* 9*d.* to 5*s.* c.i.f. is quoted. An advice from Sicily dated March 18 states that the combination amongst producers previously referred to has been arrived at, but even this attempt had only transitory consequences, because in spite of everything the market tendency is to gradually return to the laws of demand and supply. After only a short time, in which the market remained steady with a firm tendency, prices have been slowly and gradually declining. The seasonal demand has not set in yet, and there is a continued eagerness on the part of Italian shippers to make sales at reduced prices.

Linseed Oil.—Contrary to recent expectations as to a further revision of current official prices, these have remained unaltered on the basis of 58*l.* per ton for raw oil, net naked, ex mill, while the export price stands at 75*l.* The state of the crushing industry is considered quite satisfactory, the output being quietly on the increase, so that the surplus stocks are growing steadily, but at the same time the trade demand has developed on more important lines lately. Export business should improve, while freer facilities are being granted in the way of permits, even to countries adjacent to enemy countries. The demand for seed has been more animated at Hull. After the signing of peace, operations by Continental crushers will probably be attempted on a more important scale if sufficient seed is forthcoming. From the Baltic Exchange it is reported that the stocks held by the Government have been disposed of, and a reversion to more normal conditions is now possible.

Liquorice-juice.—Genuine Sicilian extract for prompt shipment is offered at 290*s.* per cwt. c.i.f. terms.

Lithopone is lower, 30 per cent. white offering at 45*l.* per ton on the spot and at 37*l.* forward.

Menthol is firmer, with spot sales of Kobayashi-Suzuki at from 21*s.* 3*d.* to 22*s.* per lb. and sellers.

Mercurials.—Following on the drop in quicksilver the prices of mercurial salts are to be reduced in proportion, but the new rates had not been fixed on Wednesday. A decline of about 9*d.* is talked of.

Milk-sugar has sellers at about 1*s.* 7*d.* per lb. for best powdered from spot stock.

Mint Oil.—Japanese dementholised is quiet but steady, with small sales of Kobayashi-Suzuki at from 5*s.* 3*d.* to 5*s.* 4½*d.* per lb., as to quantity.

Morphine Salts are from 1*s.* to 1*s.* 3*d.* per oz. cheaper, makers quoting crystals at 23*s.* 5*d.* and precip. at 23*s.* 2*d.* Acetate is 18*s.* 6*d.*, bromide 23*s.* 2*d.*, diacetyl 31*s.* 6*d.*, diacetyl hydrochlor. 30*s.* 6*d.*, ethyl hydrochlor. 31*s.* 6*d.*, hydrochloride 18*s.* 6*d.*, cryst. 18*s.* 9*d.*, meconate 23*s.* 2*d.*, sulphate 18*s.* 6*d.*, cryst. 18*s.* 9*d.*, neutral tartrate 23*s.* 2*d.* per oz. net.

Naphthalene is easier, tablets offering at 50*l.*, marbles at 54*l.*, and flake at 22*l.* per ton.

Orange Oil.—Sicilian sweet is quoted at from 11*s.* 9*d.* to 12*s.* 9*d.* per lb. c.i.f. terms.

Otto of Rose has been tending easier of late, with pure French offering at from 65*s.* to 70*s.* per oz.

Oxalic Acid is easier at 1*s.* 3½*d.* per lb. delivered London.

Paraldehyde is still very cheap at from 5*s.* 3*d.* to 5*s.* per lb.

Pepper is firmer, the sales including fair black Singapore on the spot at 8¾*d.* to 9*d.*; Tellicherry is quoted at 9*d.*, and Alepny at 8½*d.* *White* is dearer, the spot sales comprising Muntok at 1*s.* 0¼*d.* to 1*s.* 1*d.*; Siam is quoted at 1*s.* 0½*d.*

Peppermint Oil continues very strong at a further advance for finest American, parcels afloat offering at 43*s.*, and slightly less for a limited quantity on the spot.

Phenazone has eased down, and can be had at 50*s.* per lb. on the spot.

Pimento is dearer, with spot sales up to 4¼*d.* per lb.

Piperazine meets with a fair demand at from 10*s.* to 9*s.* per oz.

Podophyllin Resin is easier, makers offering at 31*s.* per lb.

Potash Chlorate has eased, powdered in kegs offering at 1*s.* 9*d.* and crystals at 1*s.* 8*d.* per lb.

Potash Permanganate.—There appears to be fair-sized quantities of Japanese and American in second-hands, which holders want to realise, and orders would be accepted at from 4*s.* to 3*s.* 9*d.* per lb.

Pyrogallic Acid.—The price of resublimed remains stationary at 15*s.* 6*d.* to 15*s.*, but crystals have been reduced to about 12*s.*

Quicksilver has declined about 5*l.* per bottle, the importers' price being 15*l.* to 15*l.* 10*s.* The paragraph in last week's issue will have prepared our readers for this decline.

Resin.—The United Kingdom Resin Distributors' Association, Ltd., have issued the following Government prices on licences, dated on and after March 3, 1919: American, B/E, 40*l.*; F/G, 40*l.* 10*s.*; H/M, 41*l.*; N/WW, 42*l.* 10*s.* per ton ex store. French 1*l.* per ton less. Tare allowance, 20 per cent. American, 7 per cent. French or Spanish. The above prices are ex store U.K. ports, when stocks exist.

The Government control of resin is to be released from May 1.

Saccharin.—Practically all dealers are now quoting *in bond*, the quotation mostly current for American 550 pure being rather under 10*s.* per lb. The Budget (which is to be dealt with after Easter) has a restraining effect on the market, but the balance of opinion is that no alteration will be made in the sugar duty.

Salicylates.—The price of *Salicylic acid* is now getting close to makers' cost, and the present appears to be a good opportunity to contract for forward delivery, especially as the low prices must stimulate demand. The spot price of B.P. acid powder is 2*s.*, and contracts can be arranged at 1*s.* 9*d.* *Sodium salicylate* keeps steady, and the demand is regular at from 3*s.* 3*d.* to 3*s.* In regard to the production of sodium salicylate referred to in last week's issue, we are informed by one of the largest English makers that for some time past they have been producing considerably more than the demand, and have plant available for the production of still further quantities when required.

Sassafras Oil.—American natural of genuine quality is offered at 11*s.* per lb. on the spot. Impure oil is offered at less.

Shellac.—At auction 223 packages sold without reserve at from 12*s.* to 15*s.* per cwt. decline on private prices, including fair free Orange TN at from 192*s.* to 198*s.*, and ordinary slightly matted at from 189*s.* to 193*s.*; 23 bags AC *Garnet* offered and sold without reserve at much lower prices, comprising cakey to blocky out of conditon at from 200*s.* to 203*s.* Privately, 200*s.* to 210*s.* is quoted since the auction for usual standard TN.

Silver Proteinate (Protargol) is in good demand at from 24*s.* to 25*s.* per lb.

Soda Hyposulphite.—Pea crystals are cheaper, a good English make offering at 25*l.* per ton.

Soda Salts.—*Prussiate* is easier, yellow in casks for prompt and forward delivery offering at 9½*d.* per lb. *Phosphate* is much lower, commercial crystals (97 to 100 per cent.) offering at 40*l.* per ton; tri-basic is also cheaper at 50*l.* in casks. *Sulphide* crystals are easier, crystals (30 to 32 per cent.) offering at 17*l.* 5*s.* per ton in casks and concentrated (60 to 62 per cent.) at 27*l.* 10*s.* per ton. *Sulphite* commercial is quoted at 12*l.* per ton in casks, pea crystals at 22*l.* in kegs, and exsicc. at 38*l.* per ton in kegs and drums. Electrolytic *Nitrite* is easier at 61*l.* per ton for 96 to 98 per cent. *Bisulphite* is slightly cheaper, 60 to 62 per cent. powder offering at from 32*l.* to 33*l.* per ton. *Acetate* is lower, small crystals offering at 75*l.* per ton for prompt delivery. *Nitrate* is 20*l.* per ton (Government price) for 2-ton lots and upwards for March-May delivery. *Soda crystals* are quoted at 87*s.* 6*d.* per ton in 2-cwt. bags f.o.r. at works, on contract, the spot (London) value being 129*s.* to 130*s.* *Bicarbonate* ranges from 7*l.* 5*s.* to 10*l.* per ton, as to terms of delivery. *Caustic* is 26*l.* per ton for 70 to 72 per cent., 27*l.* for 76 to 77 per cent., and 32*l.* for 98 to 99 per cent. powder.

Soy is arriving more freely from both China and Japan.

Spirit (Methylated) has been reduced by 2*s.* per gal. by the methylators, making the price of industrial, 64°, 6*s.* 7*d.* in 100-gal. lots and upwards, 6*s.* 8*d.* under 100 gallons, and 6*s.* 10*d.* for 10 and under 30 gallons; 61° is 1*d.* per gallon less.

Starch Powder is cheaper, April delivery offering at 35*s.* per cwt.

Sulphonal is quoted at 110*s.* per lb. ex stock.

Tartaric Acid is flat at 3*s.* 4*d.*, but when the demand sets in an improvement is expected.

Theobromine is somewhat lower, the pure alkaloid offering at 30*s.* and sodium salicylate at 22*s.* 6*d.* per lb.

Thymol, ex ajowan-seed, is offered more freely from India at 30*s.* to come forward, the spot value being 32*s.* 6*d.*

Turmeric.—There has been a recovery from the forced sales at auction last week, and in some quarters 50*s.* is wanted for good Madras finger.

Urea of Swiss make (c.p.) is offered at 6*s.* per lb. in casks.

Vanillin.—Keen competition has brought down the price to 41*s.* per lb.

Vermilion.—Following the reduction in quicksilver the prices of vermilion have been reduced to 5*s.* 1½*d.* per lb. net for quantity in 30-lb. bags, 5*s.* 2*d.* net for four-bag lots, and 5*s.* 2½*d.* net per lb. for less quantity.

Wax, Carnauba.—Chalky grey is offered at 365*l.* and fatty grey at 355*l.* per ton.

Wintergreen Oil.—Genuine leaf gaultheria is scarce, and worth 26*s.* per lb.

Zinc Oxide.—There is a steady demand for the various grades, consumers' showing more interest in providing for prospective requirements. Prices range from about 70*l.* up to 85*l.* per ton delivered London, according to description. Unless the price of metallic zinc again advances considerably these figures may not be disturbed.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the British ports named:

To London
(Mch. 25 to 31).

Albumen, 166 cs.
Almonds (Sp.), 448 cs. 1,781 bgs. (Port.), 110 bgs. (Aust.), 100 bgs. (Mor.), 1,058 bgs.
Antimony, cr. (Ch.), 616 cs. (Aust.), 1,994 bgs.
Barytes (Sp.), 3,100 bgs. 2,618 brls. (N.Y.), 396 brls.
Bismuth ore (Aust.), 264 bgs.
Casein (B'bay), 347 bgs.
Chemical products, unrated (Fr.), 10 drms. 17 cks. 54 cs. (N.Y.), 7 brls. 43 cs.
Acetic acid (N.Y.), 239 brls.
Argol (It.), 426 bgs. (Sp.), 56 cks.
Arsenic (Port.), 92 brls.
Citric acid (Sp.), 20 brls.
Cream of tartar (Sp.), 60 brls.
Creosote carb. (Fr.), 2 cs.
Formaldehyde, 73 brls.
Nicotine liquid (N.Y.) 38 cs.
Pot. permang. (Port Said), 22 tons
Soda acetate (N.Y.), 138 brls.
Soda bichrom. (N.Y.), 33 pkgs.
Soda phosphate (N.Y.), 133 brls.
Tannic acid (N.Y.), 20 brls.
Tartar (It.), 16 cks.
Drugs, crude:
Cardamoms (Cey.), 395 cs. (B'bay), 10 bdls. (N.Y.), 12 cs.
Cascara sag. (N.Y.), 198 bgs.
Chiretta, 17 bls.
Cuttle-fish bone, 156 pkgs.
Ergot (Sp.), 17 bgs.
Galls (Ch.), 200 cs.
Henbane (Alex.), 51 bls.
Henna, 30 bgs.
Ipecacuanha (Johore) 50 bgs.
Lavender flow. (Fr.), 9 bgs.
Liquorice-root (Sic.), 13 bls. 29 sks.
Nux vomica, 100 bgs.
Orris (It.), 96 bgs. (Mor.), 8 bgs.
Saffron (Sp.), 2 cs.
Strophanthus-seed, 78 bgs.
Tuba-root (Penang), 3 cs.
Turmeric, 52 pkgs. (Ch.), 20 bgs.
Vanilla (Fr.), 26 cs.
Drugs and medicines (N.Y.), 43 cs.; antiphlogistin, 437 cs.; mentholatum, 75 cs.
Dyes, dyeing and tanning materials, etc.: aniline dyes (Fr.), 44 cks. 3 cs.; cochineal, 24 bgs.: gall-nut ext. (Ch.), 250 cs.; tanning ext. (Fr.), 298 cks.
Egg yolk, 54 cks. 767 pkgs.; powder, 162 cs.; egg yolk, liquid and albumen, 166 cks. 1,829 cs.
Gelatin (Fr.), 60 bls.
Glucose, 504 brls.
Gums, resins, etc.: not described (Mor.), 28 bgs. (B'bay), 44 bgs. 10 cs.; acacia (B'bay), 108 bgs.; copal, 68 bgs.; damar, 100 cs.; mastich, 70 bgs.; olibanum, 40 cs.; shellac, 25 bgs.; sandarac (Mor.), 2 brls. 2 bgs.
Kieselguhr (Oran), 458 tons
Lime-juice cordial (Aust.), 100 cs.
Malt ext. (N.Y.), 100 brls.
Oils, essential, unrated (S'pore), 16 cs. (N.Y.), 4 drms.; anise, star, 100 cs.; geranium (Fr.), 1 brl.; mint (Jp.), 22 cs.; turpentine (Fr.), 1,201 cks. (N.Y.), 500 brls.
Oils, fixed: fish (Jp.), 870 cs.; ground nut (Ch.), 3,000 cs. 385 cks.; olive (Fr.), 15 cs. (Sp.), 300 brls.; rape, ref. (R'dam), 600 brls.; teasced (Ch.), 188 cks.; wood (Ch.), 266 drms.
Perfumery (Fr.), 76 cs.
Resin (Fr.), 1,008 cks.
Soy (Jp.), 25 cks.
Seeds, etc.: canary (Mor.), 3,966 bgs.; cashew nuts, 325 bgs. 264 bxs.; castor (E.Af.), 91 bgs.; cotton, 993 tons 2,093 bgs.; copra (S'pore), 15,626 bgs.; coriander (Mor.), 605 bgs.; cumin (Mor.), 3,455 bgs.; fennel (E.I.), 118 bgs.; lin (E.I.), 23,049 bgs. (Ch.), 625 bgs.; sesame (Ch.), 2,100 bgs.; sunflower, 345 bls.
Soy (Ch.), 200 cs. 50 cks.
Spices: capsicums and chillies (E.Af.), 27 bgs. 26 crts.; cassia (Ch.), 750 cs.; chillies (E.Af.), 173 bgs.; cinnamon, 100 bls.; chips, 384 bls.; cloves (B'bay), 350 bdls.; (Natal), 663 pkgs.; ginger (B'bay), 27 pkgs.; pepper, white (S'pore), 3,884 bgs. (B'bay), 518 bgs.
Starches (bags): dextrin (Jp.), 105; farina (Jp.), 4,445
Stearic acid, 250 bgs.
Tallow (Ch.), 153 cs. (Aust.), 487 pps. 652 cks.
Wax, bees' (E.Af.), 281 bls. 25 bgs. 24 blks. (Alex.), 56 bgs.
Wax, not described (N.Y.), 231 bgs. (Jp.) 28 bgs.
Zinc oxide (N.Y.), 900 brls.

To Liverpool
(Mch. 24 to 29).

Acetone (St. John, N.B.), 605 drms.; ketone, 239 drms.
Alcohol (St. John, N.B.), 440 drms.
Bronze-powder (St. John, N.B.), 27 cs.
Chemical products: chloroform (Fr.), 6 cs.; quinine sulphate (Java), 490 pkgs.; tannin (N.Y.), 20 cs.
Cinchona (Java), 3,413 pkgs.
Coca-leaves (Java), 29 bgs.
Copaiba (Brazil), 125 cs.
Drugs, etc.: barks, roots, etc. (N.Y.), 65 bgs.: herbs (N.Y.), 171 pkgs.
Drugs, medicines, etc.: (Fr.), 24 cs. 43 pkgs.; bandages, susp. (N.Y.), 3 cs.: dressings, surg. (N.Y.), 3 cs.; emulsion, Angier's (Boston), 1,320 bxs.; liniment, Sloan's (N.Y.), 1,068 cs.; plasters (N.Y.), 35 cs.; porous plasters and pills (N.Y.), 47 cs.
Dyes, dyeing and tanning materials, etc.: dyewood ext. (N.Y.), 20 bgs.; fustic ext. (N.Y.), 20 brls.; hemlock ext., 300 cks.; logwood ext. (W.I.), 191 cks.
Glucose, 289 brls.
Gum, damar (Java), 250 cs.
Kola (W.Af.), 181 bgs.
Oils, fixed: palm, 3,773 cks.
Perfumery (Fr.), 6 cs.
Rennet ext. (C'hagen), 5 cks.
Seeds: ground nuts (N.Y.), 3,500 bgs. 1,130 pkgs. (W.C. Af.), 4,193 bgs.; palm kernels, 22,017 bgs. 547 tons
Wax, candelilla (Boston), 64 bgs.
Wax, carnauba (Brazil), 194 bgs.
Wax, paraffin: scale, 6,082 brls.
Zinc oxide (N.Y.), 204 brls.

To Manchester.

Acetate of lime (St. John, N.B.), 373 bgs.; acetone (Halifax), 615 drms.; ketone, 62 drms.; alcohol, 419 drms.; calcium carbide (St. John, N.B.), 5,012 drms.: phosphorus (St. John, N.B.), 500 cs.

To Glasgow.

Acetate of lime (St. John, N.B.), 1,678 bgs.; cocoa-butter (Amst.), 216 bls.; magnesite, dead burnt (St. John, N.B.), 1,299 bgs.

To Folkestone
(Mch. 15 to 28).

Drugs (Fr.), 81 pkgs.; perfumery, 140 pkgs.

To Grimsby.

Dyes (Fr.), 243 pkgs. 160 cs.; dyestuffs, 588 cks. 50 pkgs.

To Hull.
(Mch. 15 to 28).

Acetic acid, 565 brls.; beeswax (E.Af.), 372 bgs. 145 pkgs.; cottonseed (Alex.), 7,378 tons, 19,171 bgs.; glucose, 499 brls.; gum copal, 715 bgs.; linseed, 73,176 bgs.

To Southampton
(Mch. 17 to 31).

Carbon black, 243 cs.; casein (Fr.), 95 bgs.; chemical prod. (Fr.), 17 cs.; drugs (Fr.), 22 pkgs. 18 cs.; indigo paste (St. Malo), 60 cks.; liquorice-root (Fr.), 16 bls.; paraform, 3 brls.; peppermint oil (N.Y.) 25 cs.; sassafras oil (N.Y.), 15 cs.; tartar (Fr.), 67 cks.; thorium nitrate (Fr.), 40 cs.; wattle bark (Natal), 3,529 bls.

Correspondence

The Etymology of "Chemist."

Sir,—Surely your contention points the way out of this controversy. If, on your own showing, and it seems probable, the origin of the word is to be found in the Greek *chymeia*, from *chymos*, juice, sap, and to have been first applied to pharmaceutical chemistry, which was chiefly concerned with the juices or infusions of plants, then let pharmaceutical chemists adopt "chymist" as originally written and the professional man "chemist" as it came to be modernised. Both spelling and pronunciation are different, and the differentiation would soon become known and understood. This should meet the susceptibilities of all parties. Yours faithfully,

S. Archd. Vasey.

Sir,—The derivation of "chemist" from χυμός, "juice," is new to me, though I have previously seen it connected—a recognised false etymology—with the allied word χύμεία "a pouring out." My own impression is that the word came from the Arabic. A chemist—alchemist he was originally called—was one who dabbled in the black art, which, as all the world knew, was first invented in Egypt. This belief in the origin of the black art is very ancient and very widespread, being found, for example, in the Jewish Talmud, in the writings of the Greek Herodotus, and in the name (Egypcien or Gipsy) which our sixteenth-century forefathers gave to a nomad who worked in collusion with the powers of evil. Now, the Arabs formerly knew Egypt as ul-Kimia, from the nome of Khem, one of the provinces into which the realm of the Pharaohs was anciently divided. (Compare Gen. x. 7, *U bnei Kham Kush uMitsraim*, "and the sons of Khem [were] Abyssinia and Egypt." Khem was the Greek Panopolis.) In course of time the art of ul-Kimia reached Europe, carrying with it its Arabian name. This became *alquimie* in Old French, whence our own *alchymy*, from which "chemist" and the like were derived by elision of the definite article. "Chemistry" is a back-formation from "chemist" by confusion with "mystery," in the sense either of a craft or of a secret. χύμεία cannot possibly come from χυμός, "juice," though the converse might be feasible: juice being a pouring-out. Both, however, are connected with χέω, "I spill." There is a Byzantine Greek word χημεία, "alchemy," etymologically quite unassociated with the other three, but probably, like our own, borrowed from Arabic. Yours truly,

London, S.W. L.

Sir,—It is with great astonishment, not to mention other feelings, that I have noticed certain statements in two of your recent leading articles dealing with the term "chemist," and I feel that I cannot allow them to pass without some comment. In the first place, it was surely going much too far, even making every allowance for the natural exuberance of the advocate, to couple the Institute of Chemistry with a word having such purely criminal associations as the term "thief," and even if such absurdly intemperate and unjustifiable language is fortunately certain to defeat its own object, that obviously does not in any way excuse the user of it. In the next place, I am constrained to enter a strong protest against the manner in which the late Lieut.-Colonel Harrison was referred to in your article of March 22 on the profession of chemistry. No one who was unaware of the facts could have guessed from this article that Lieut.-Colonel Harrison was connected with retail pharmacy for only six years, that he had been a "professional" chemist in every sense of the word for at least the last eighteen years of his life, and that during the latter period—save for an interlude of a few months—practically his only business connection with pharmacy was his examinership in chemistry to the Pharmaceutical Society. He was certainly not "primarily a pharmaceutical chemist" as you state, using the terms primarily and pharmaceutical chemist in their usual senses, and even if it is argued that the analytical chemistry of drugs is pharmaceutical chemistry, I must point out that it does not require any knowledge of pure pharmacy, and that many of the chemists engaged in it are not pharmacists. In any case the use of ambiguous expressions in such circumstances can hardly be considered desirable. Also while he no doubt owed something to the business training which he gained during his early years in pharmacy, it was, in my opinion, very misleading to say that "It was his early training in pharmacy that enabled him to cope so successfully with the problem of devising the protective respirator for our soldiers against German poison-gas," since whatever knowledge he gained in pharmacy would have been perfectly useless without his long subsequent experience as a "professional" chemist and his own personal characteristics. In view of the above facts I consider that it is most unjustifiable and unfair to his memory to use his name and achievements in an attempt to prove that retail pharmacists are as much chemists as those who really practice chemistry.

P. A. W. Self.

57 Chancery Lane, London, W.C. 2.

Apothecaries' Assistants.

Sir,—With reference to the registration of men as chemists and druggists who have not passed the Minor, might not something be done for those who would in the usual course of events now be qualified, but whose studies were interrupted by joining the Forces? Why not allow them the privilege of a special modified examination if they study for three months at an approved college? I trust the Society will show their appreciation of these men's services in some practical form.

Student. (108/6.)

Sir,—The letter of Mr. H. Corbett Meyrick, Ph.C., furnishes a good example of the injustice which would be done by the registration without examination as chemists and druggists of holders of the Apothecaries' Hall assistant's certificate. In the case of "W. H. H.," he is fortunate, but the majority of pharmacists are less fortunate, and have ties which prevent them from going in for the medical. But why should it be necessary for such worthy men to leave the profession of pharmacy when things might be so very different? Since writing my last letter I have asked the opinion of several pharmacists on this matter, and the answer invariably is, "If the Pharmaceutical Society approves of this measure and registers apothecaries' assistants as chemists and druggists without examination, then, as a member, I shall cease to subscribe, and shall just carry on business in the same way as does a grocer or draper, feeling that I have lost all interest in the Pharmaceutical Society and in pharmacy generally." And, I ask, how many more will act likewise? I consider it is only right that members of the Society who are readers of the *C. & D.* should know that I have written to the Editor of "The Pharmaceutical Journal" on the subject and he has not published my letter, on the ground that my criticism is "premature." I should like to know what use it would be to publish such criticism when the matter has been settled by the Council? It must be very discouraging for those now studying for the Minor to see a possibility of their labours being cheapened, and rewarded by such a mean proposition from their future Society.

Yours faithfully,

Disgusted Life-member. (107/70.)

Claims against Railway Companies.

Sir,—Since writing the letter to which you referred in *C. & D.*, March 29, p. 62, I have noted that several companies print on their delivery sheets, "Received in good order and condition." In this case, if the consignee signed his name without comment, he would presumably have no claim of any sort, whereas if he wrote "Not examined," the company would probably refuse liability. As every retailer knows to his regret, it has been lately the rule rather than the exception to receive cases with goods missing, and this is notably so where the packages have been handled by two companies, as in that case the unhappy claimant is referred from one to the other until he is tired. You will doubtless have noticed that the railway companies recently called a meeting to consider the refusal of claims owing to the increased amount of losses due to bad packing and insecure cases, this being doubtless another step to throw the loss on the trader. It would be a good thing if some of the large wholesale firms would combine to bring a test case, or, alternatively, if all the retailers would agree to keep the carman waiting until the goods are unpacked and examined before signing his sheet.

Yours faithfully,

Chas. Hamus.

Sir,—Your article in the *C. & D.*, March 29, p. 62, respecting claims against railway companies is very opportune. While agreeing with you that the use of the words "Not examined" may be desirable under certain circumstances, I quite agree with your correspondent, who expresses his view that this is equivalent to giving a clear signature, and is looked upon by the railway company as such, "unless a complaint be made in writing within three days," and an opportunity given for the railway company to inspect. If, however, consignees sign for the goods as "damaged" or "pilfered," this is sufficient to establish the claim; but senders (in the event of carriage being "paid") should be

immediately advised of the total loss, so that a monetary claim can be presented, as the railway company only recognise the legality of claims when made by whoever pays the carriage. Owing to railway law not being strictly adhered to, hundreds of claims are refused; but when the foregoing routine is followed little difficulty is experienced in obtaining satisfaction, though considerable delay is invariably involved. Yours very truly,

David Ellis,
Traffic Manager, W. B. Cartwright, Ltd.
Rawdon, Leeds.

"Octopus, Ltd."

Sir,—I can fully sympathise with the pharmacist who sold his business to "Octopus, Ltd." Will those gentlemen who object to his transaction from the ethical and professional standpoint add to their remarks some information as to how it became possible for company traders to commence, and whether the same thing is likely to happen in the medical and legal professions, for it is quite obvious that there would have been no companies for pharmacists to sell their businesses to if the powers that be had done their duty to their members. Having been brought up at a public school, and apprenticed to a firm with an almost classical name, I joined the School of Pharmacy imbued more than most students with ideas of loyalty, tone, etc., and yet within a fortnight I received a dose of freezing mixture with such effect that I still feel shivery after the lapse of many years. I had taken a difficulty to one of the demonstrators in practical chemistry, and having received what to my mind appeared an ambiguous solution, inquired as to which way it should be done in the Minor examination. With a look which nearly turned my solid body into a state of gaseous diffusion, he replied, "We are here to give you a scientific education; if you require cramming for mere examination purposes, you should go to one of the cheap schools." Does not this incident illustrate in a few words the whole attitude of the power behind the Council (whether it be a clique or a caucus I know not) to the humble members of the rank and file. If Mr. Skinner would add another chapter to his work on behalf of pharmacists, he could possibly give us a paper on the history of the birth and growth of the genus octopi, with special reference to the inertia displayed on the part of the Society in safeguarding the interests of its members.

Yours faithfully,
Another Square Man (104/60).

Venereal Disease Act.

Sir,—"Non-Prescriber's" letter raises some interesting points. I too have often wondered what the experience of pharmacists has been in connection with a good many matters resulting from the passing of the Venereal Disease Act. My own experience must, I think, be typical of all the scheduled areas—viz., that an increased sale of buyable remedies—real or supposed—for venereal disease has resulted from the prohibition of prescribing on the part of the chemist. This is an unsatisfactory state of things and one insufficiently apprehended by the framers of the Act in question. The position is illogical and untenable. It means that whereas the chemist—who, at least, is not entirely without knowledge—is not permitted to prescribe, the patient—generally quite ignorant, and sometimes alarmingly so—is permitted to prescribe for himself. It is exactly as if any railway passenger taken at haphazard were allowed to drive the engine in an emergency, whereas the fireman is to be subject to heavy penalties if he ventures to do so. I am not one of those who go so far as to assert that the passing of the Act has made the venereal disease situation worse, but it certainly seems as if the situation were no better. Is it not indeed a fact that never before was there so much venereal disease in the country? Now, the Act is capable of being made an efficient engine for actually stamping out this plague—if only the Government is ready to grasp its nettle. Courage is needed, and foresight and plain reasoning. Given these, the missing principle could and would be put into operation, for without it there is not the smallest chance of extirpating the evil—I mean the principle of compulsory notification. Objections thereto have never been shown to hold water, nor would it be difficult to overcome any of the incidental drawbacks. The great objection, of course, is that it interferes with the liberty of the subject—it being forgotten meanwhile that people walking about with venereal disease interfere with the liberty of other subjects a great deal more than ever their own liberty is likely to be interfered with. A sufferer can, in twenty different ways, communicate his disorder to his fellows, almost equally well to his own, as to his (or her) opposite sex. Chemists, no less than doctors, must be perfectly well aware, from first-hand observation, of the great number of cases of the innocent acquirement of venereal disease. And surely if the "guilty" require protection—indeed, legally they already have it—the innocent have a right to it *a fortiori*. All the supposedly objectionable features of compulsory notification would disappear were it simply enacted that every person suspecting himself of the disease were required to seek professional treatment either at the hands of his own or any private practitioner, or gratuitously at a public institution. The fact of such treatment might well remain a secret between doctor and patient and (possibly) the municipal authorities. Surely it is perfectly obvious that, unless every means be adopted to round up all the cases in the country, the stamping-out of the plague will for ever remain an idle dream. As a matter of fact, it would be easy to train pharmacists to treat venereal disease; but one can only suppose that the pro-medical, anti-pharmaceutical forces that created the partisan measure we are discussing would laugh to scorn any proposal to this end. Nothing is left to us but to do our duty unselfishly, urging such amendments as shall improve the Act, fighting for a pharmaceutical monopoly of dispensing, and last, but not least, co-operating loyally in the good work which, when all is said and done, is honestly intended in the Act. Yours truly,

Chester. R. Cecil Owen.

"In the Interest of the Public."

Sir,—I have been following with keen interest and considerable amusement the duel between you and "Nature" on the subject of the title "chemist." There is no need for me to add anything material to the particular point at issue, as your leader (*C. & D.*, March 29, p. 61) laid your opponent out flat even on the question of etymology, which one would have thought "Nature" would know something about. I merely want to direct attention to "Nature's" sudden *volte-face* in the matter of public interest. As all readers of that journal know, "Nature" has been a bitter and uncompromising opponent of the Summer Time Act, and a few quotations from the journal may be not inapt. For instance:

> It is usually understood that people cannot be made sober by Act of Parliament, yet it is seriously suggested that they should be made to rise earlier by a legalised plan of national deception. We have condemned this ridiculous measure whenever it has been brought forward.

This comment appeared in the issue of April 6, 1916, and in the issue of April 27 the matter is pursued as follows:

> Though hundreds of corporations and councils have expressed their desire to have the 154 additional hours of daylight per annum promised by the scheme, not a single scientific society or other body with expert knowledge has supported it. The public may demand whatsoever legislation it pleases, without regard for the consequences, but . . . it would be a pity if the circumstances of the war should lead Parliament to adopt a measure which has been twice rejected already after full discussion.

Finally (May 18, 1916, vol. 97, p. 250), we are told that

> no particular time is prescribed for meteorologists. . . . Anyone who is concerned with the preservation of records for a long series of years must contemplate with blank dismay the dual system about to be introduced. . . . It is the duty of a scientific journal to point out the objections to the scheme, even though it stands alone, and, in the opinion of the public, may represent what is contemptuously termed scientific theory as something apart from the practical needs of life. . . . The only satisfaction to be derived from this childish method of promoting the increased use of daylight is that the measure is limited to the period of the war.

In view of the universal approval of the Summer Time Act it is evident, therefore, that "Nature" is an extremely poor judge of anything likely to be "in the interest of the public." So we need not worry ourselves, I think, that the public will be in any way prejudicially affected by our continuing to retain the title to which we are legally, morally, and etymologically entitled.

Yours faithfully,
Christopher Courtenay.

Legal Queries.

M. J. F. (89/60).—The titles "Corn Solvent" and "Antiflu Snuff" are dutiable. A preparation put up for preventing a disease is liable to stamp-duty.

E. M. (106/60).—Drug Samples.—It is not compulsory for an inspector who takes samples of sp. æther. under the conditions of the Sale of Food and Drugs Acts to employ stoppered bottles. It might even be contended that a corked bottle properly sealed is better than a stoppered bottle.

Melox (63/36).—A veterinary preparation containing 10 per cent. of pulv. opii may only be sold according to the regulations under Part II. of the Pharmacy Act, 1868 (see *The Chemist and Druggist Diary*, 1919, p. 77).

R. B. S. (89/28).—The examination for "assistant" which is held by the Apothecaries' Hall entitles the holder to dispense for an apothecary. By the Apothecaries Act, 1815, apothecaries may only employ these assistants to dispense for them.

Hove (44/3).—Nuclein is an ordinary English word, the nucleins being allied to the proteins. It does not follow that it would not be accepted as a trade-mark in some class in which the ordinary sense is not implied. For example, it might be used for steam-engines.

H. P. L. (85/22).—(1) We do not think the title "Quinine and Cinnamon Influenza Mixture" is an adequate disclosure in a case where there is free hydrobromic acid present in addition to the two ingredients mentioned. (2) Creosote is a Part II. poison because it is a mixture of phenols.

B. C. (31/3).—The word "Formalin" is non-proprietary. An endeavour was made in 1898 to register the word as a trade-mark, but this was refused on the ground that from 1894 onwards the word did not denote any particular manufacture, as the patent under which formalin had been made had expired.

Rex (91/43).—The only restrictions on the sale of antifebrin (acetanilide) are those contained in the Army Council Order ("Drugs for Troops"), which gives elaborate directions as to the supply of this drug to members of the Forces. Antifebrin is not a scheduled poison under the Poisons and Pharmacy Act, 1908.

J. W. K. (97/21).—Dental Practitioner.—As you are not a qualified chemist the chemist dental societies are not available for you. We suggest, therefore, that you get in touch with the Incorporated Dental Society, 12 Tavistock Square, London, W.C. 1, and if you can be admitted a member the Society will look after your interests in case these are threatened in the future by legislation.

W. E. R. (92/24).—Liability to Stamp Duty.—Our opinion is that the label for "Cherry Lung Syrup" does not by itself involve liability to stamp duty, and no patent medicine licence is required by the vendors. The "Compound Balsam of Aniseed" is liable to stamp duty, as, according to a ruling of the Board of Customs and Excise, the word "balsam" indicates a remedial agent with soothing qualities.

Unicorn (17/3).—A trade-mark is intended to distinguish the *goods* of one manufacturer from another. The Company Registration Office has no connection with the Patent Office. The registration, for instance, of the "Unicorn Drug Co., Ltd.," would not be affected by reason of the fact that there happened to be a "unicorn" trade-mark on the register. This may be taken as correct generally, but it is not difficult to imagine a case where "Unicorn Drug Co., Ltd.," could be used in a manner which might be held to infringe the "unicorn" trade-mark.

Bismuth (98/60) refers to a reply on excess profits duty to "G. B. J." (*C. & D.*, February 1, p. 64), and asks whether the 100*l.* deduction on account of increased stock ought to have been made. He points out that any trader could by writing down his stock in this way avoid liability to the tax altogether, and he gives an example showing how this might be done. [Our reply given to "G. B. J." is, we think, quite accurate on the facts in his case. The profits of a business for the purposes of excess profits duty are determined on the same principles as profits would be for the purpose of income-tax, and in an income-tax case in the High Court of Scotland in 1914 (Craig Kilmarnock, Ltd., *v.* Cowperthwaite) it was laid down that an increase in stock found on an ordinary stock-taking in circumstances similar to those in "G. B. J.'s" case was to be regarded as an increase in capital and not as profits, and therefore not chargeable with the tax. The decision turned on the circumstances under which the business, including the stock, had been acquired. In the case of trading stock generally there is no provision for expressly charging tax on it, apart from that in the Finance Act, 1918, which makes profits arising on a sale of it liable to excess profits duty; but in making out an account for income-tax the value of a trader's stock at the beginning and at the end of the period to which the account relates ought to be shown. If the account is, as is usual, a statement of cash receipts and payments only, an increase in the value of the stock in the period will, of course, increase the profits shown on the business.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

E. T. E. (80/44).—Fur in Kettles is softened by filling the kettle with dilute hydrochloric acid and allowing it to remain for twenty-four hours, then removing the fur with a scraping tool. With the idea of preventing the fur forming, various articles, such as marbles, are placed in the kettle to form a nucleus upon which the calcium salts can be deposited.

W. S. (83/36).—Cleaning Piano-keys.—First rub with a rag soaked in benzin to remove grease, and then with prepared chalk moistened with spirit of sal volatile. In cases where the keys have been detached the peroxide-of-hydrogen bleaching process is available, but for ordinary purposes the method given above is best.

A. H. (Tantah) (51/6).—(1) Fluid Extract of Orange-peel.—It is not practicable to prepare a fluid extract from fresh orange-peel on the lines you indicate. Complete exhaustion of the fresh peel is not obtainable by the same menstruum. The chief constituent is essential oil. To secure the fullest amount of that the use of strong alcohol is necessary, and this will not take out what may be called the extractive, which in any case is inert, worthless. Tinctura aurantii, B.P., is a very satisfactory one so far as flavour is concerned. It is prepared by the maceration process with one part of fresh peel and four parts of 90-per-cent. alcohol. The product is more than the quantity of alcohol employed, the moisture from the peel appreciably contributing to the bulk. When a pint of alcohol is used the product obtained measures from 21 oz. to 22 oz. This reaches pretty near to the limit for dilution without sacrificing some of the essential oil. When this tincture is prepared from peel removed and cut very small immediately before introduction to the spirit it is very satisfactory as regards strength and purity of flavour. It is to all intents and purposes a fluid extract. Fluid extracts of orange-peel are made from dried peel—*e.g.*, fluid extract of the U.S.P. with diluted alcohol—and contain more of the extractive, but comparatively little essential oil. In the process of drying the oil becomes resinified and the peel develops a different flavour from that of the fresh peel. More of the bitter principle is contained in the fluid extract than in the tincture. Moreover, the uses of the two preparations are different. The tincture is used purely as a flavouring agent; fluid extract is employed as an adjunct to stomachic medicines, in which its aromatic bitter encourages appetite and promotes digestion. The tincture, being charged with an essential oil rich in terpene, is inadmissible in such cases; it would repeat and give rise to digestive disturbance. When used purely as a flavouring agent the quantity taken is so small as to be negligible in this respect in most cases. (2) Preparing Hydrargyrum cum Creta.—Your device of employing ether in the manufacture of hydrargyrum cum creta is, so far as we are aware, original. It certainly answers admirably, although the product is almost too perfect, the colour being nearer slate than grey. We note that you added the ether with the idea of hardening the mercury through the cold developed on the evaporation of the ether. In our experiment the mercury did not become hard, only more compact. The temperature at which we were working was 40° F., so that the ether would not evaporate so rapidly as in your warmer climate, and the cold produced would not be so great.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," April 15, 1869

Pharmacy Act Amendment.

The Bill to amend "The Pharmacy Act, 1868," prepared and brought in by Lord Robert Montagu and Sir Graham Montgomery, was read a second time in the House of Commons on Monday evening last. It is not a lengthy document in its present form, as it contains but one clause, the object of which is to protect the medical men of Scotland from the effects of certain regulations which were not intended to apply to them. We understand that the Pharmaceutical Council will take advantage of the present opportunity to modify the schedule which now presses so hard upon assistants who have been residing abroad.

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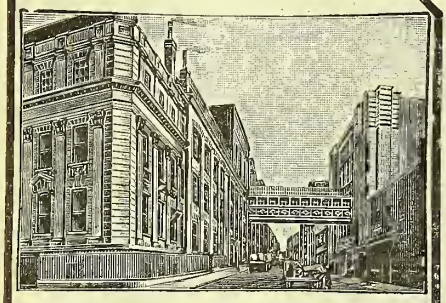

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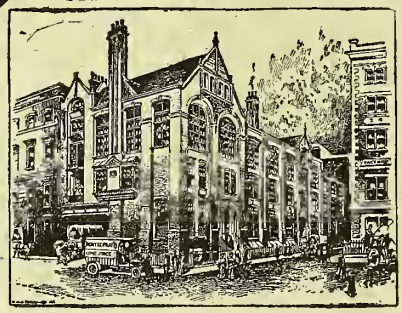

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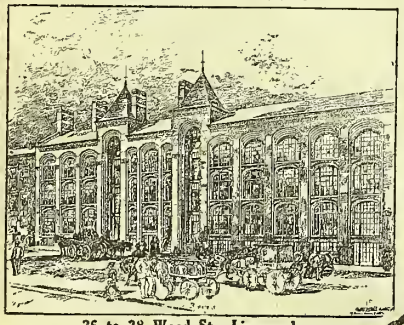

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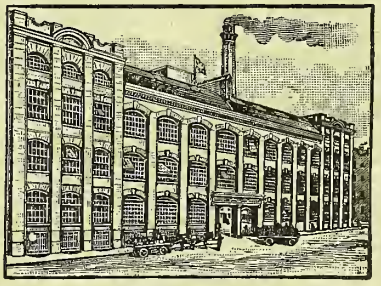

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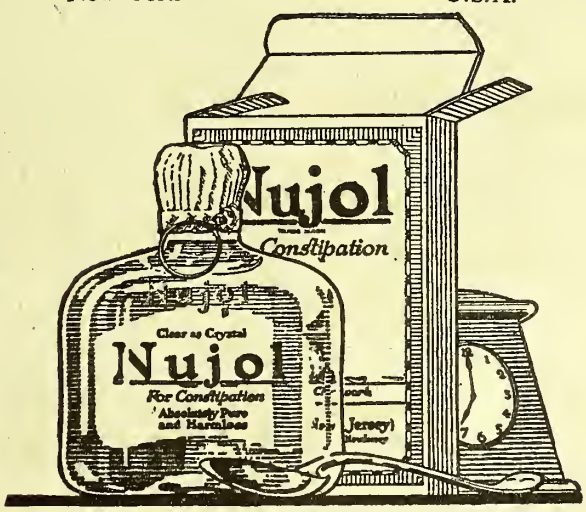

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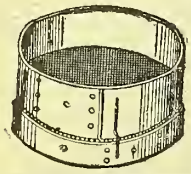

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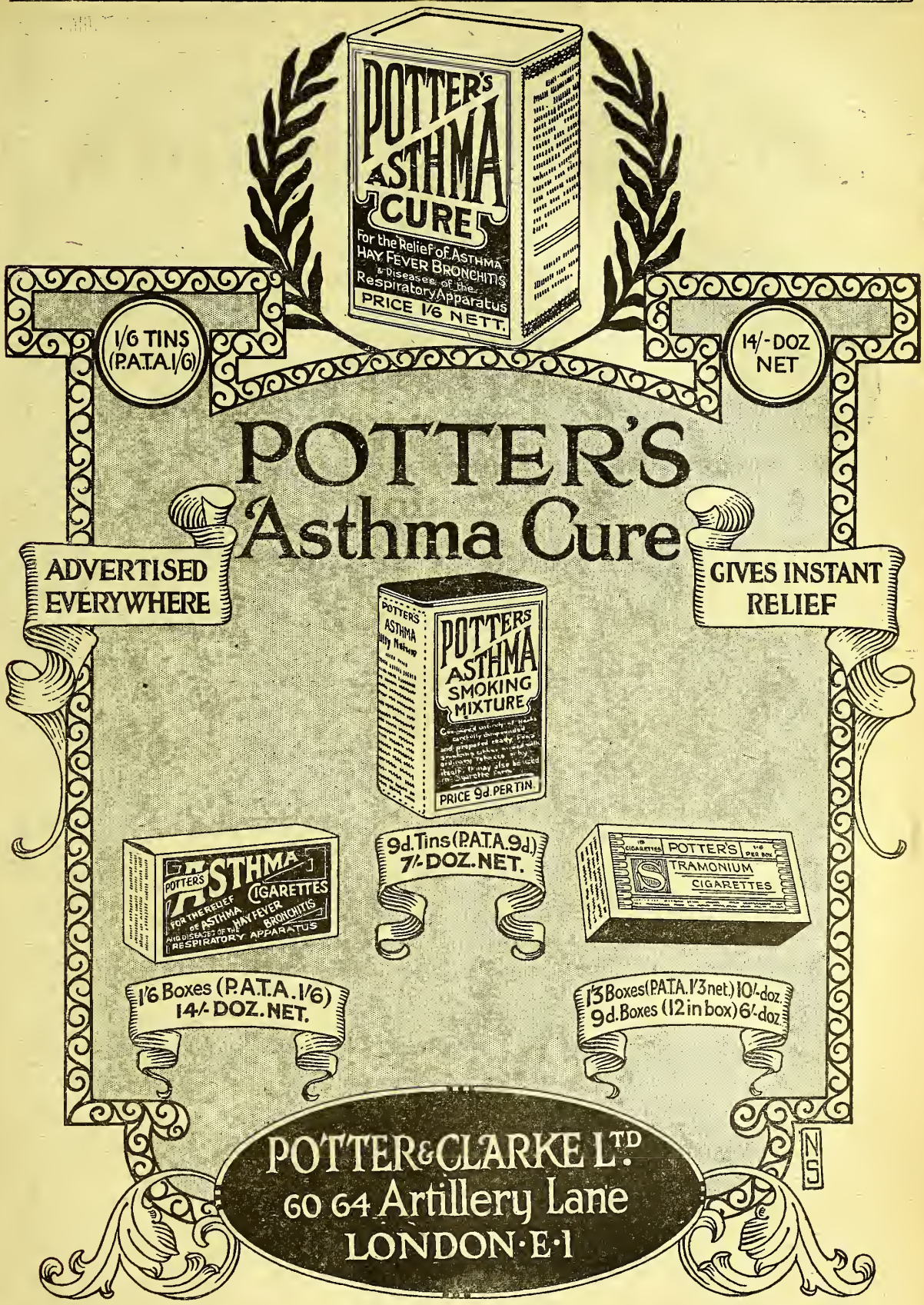

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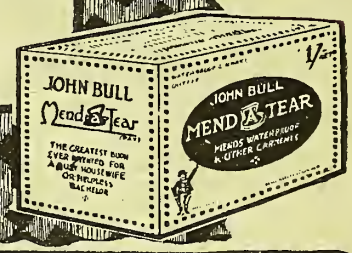

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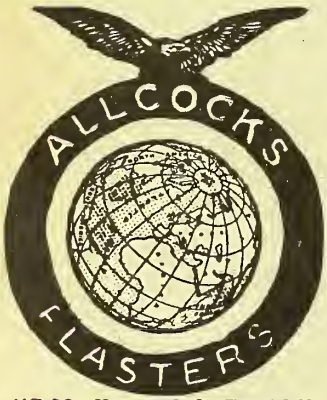

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A splendid wool, perfectly white and absorbent.
In 1 lb. rolls interleaved. Sample for p.c.
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Standard Parcels. Standard Quality. Carr. Paid. *G.B.* Packings Free.

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7 lb. × 1 lb.	1/4	9/8	17/6
2 lb. × 8 oz.	1/5	2/10	5/8
2 lb. × 4 oz.	1/7	3/2	7/–
2 lb. × 2 oz.	1/10	3/8	7/4
1 lb. × 1 oz.	1/11	1/11	4/–
		21/3	41/6

ABSORBENT LINT (N.H.I. Standard, 3700 sq. in. to 1 lb.)

7 lb. × 1 lb.	3/2	22/2	31/6
2 lb. × 8 oz.	3/3	6/6	10/–
2 lb. × 4 oz.	3/5	6/10	10/8
2 lb. × 2 oz.	3/7	7/2	11/4
1 lb. × 1 oz.	3/9	3/9	6/–
		46/5	69/6

BORIC LINT 45%, 50% (2½-3 yards × 17-18 in. to 1 lb.)

7 lb. × 1 lb.	2/2	15/2	21/–
2 lb. × 8 oz.	2/4	4/8	6/8
2 lb. × 4 oz.	2/6	5/–	7/2
2 lb. × 2 oz.	2/8	5/4	7/8
1 lb. × 1 oz.	2/10	2/10	4/3
		33/–	46/9

BANDAGES, White Open Wove.

	per gross.		
3 dozen 1 in. × 3 yds.	9/–	2/3	2/8
3 ,, 2 in. × 4 yds.	22/–	5/6	6/9
3 ,, 2½ in. × 4 yds.	29/–	7/3	8/6
3 ,, 3 in. × 4 yds.	36/–	9/–	10/3
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TOTAL COST, £6 4 8. REALISATION VALUE, £9 5 11. PROFIT, £3 1 3.

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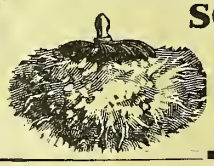
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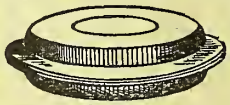
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Attractively Packed. 7/9 per dozen Boxes.
PREPARED BY
THE GALEN MANFG. CO., LTD.
Wilson St., New Cross, London, S.E. 14.

DISINFECTANTS
OF ALL KINDS
Cheapest Makers of Co-efficient Acids and Fluids
HENRY ELLISON, LTD., CLECKHEATON, YORKS

RUBBER STAMPS
CHEMISTS' STAMPS, SEALS AND STENCILS A SPECIALITY.
O. DE RICHFORD,
8 & 9 Snow Hill,
LONDON, E.C.
Full Illustrated Lists Free. Special Terms to Chemists.

ROYAL COURT HAIR DYES
Notwithstanding the shortage of supplies, we are still in a position to supply all orders and guarantee our preparation to be exactly the same as pre-war recipes. Own-named brands a speciality. Largest profit, and most reliable Hair Dye yet produced.
J. KNOX WALKER & Co. Ltd., 422 Kingsland Rd., London, E. 8.

"BRILLIANIA"
The World-famed Enamel for Grey & Faded Hair. Absolute, safe and natural.
3/6 size, 37/- doz.; 6/6 size, 68/- doz.; 12/6 size, 132/- doz.
Largely Advertised. Ask your Wholesaler.
THE BRILLIANIA CO., 37 Sloane Street, S.W. 1.

CHELTINE FOODS CO., CHELTENHAM.
DIABETES
FLOUR, BREAD, BISCUITS, FOOD, RUSKS, COCOA, Etc.
Also Foods for Anæmic, Dyspeptic, Invalid and Aged People and Infants. Highly recommended by Medical Profession.
INFANTS' FOODS packed under Chemists' "OWN NAMES."
Terms and all particulars on request.

HAVE YOU TRIED OUT OUR OFFER?
of 6 dozen and 1 dozen 6d. packets, along with full advertising matter for window? Carriage Paid to your address. Sales are immediate directly
4/- PER DOZ. P.A.T.A. 6D. PER PACKET
Quin-Quenna (BETTER THAN A SHAMPOO)
is shown because it is the subject of a big and clever campaign embracing all best media.
43%
CHRISTY'S, Old Swan Lane, London, E.C.4.

FOR SALE.
HARD WHITE BLOCK.
10 cwt. Redistilled STEARINE, 120/122 M.P.
3 tons NEUTRAL FAT - 126/128 M.P.
190/- per cwt., or nearest bid.
Box 236/34, Office of this Paper.

Pyrogallic Acid Gallic Acid
Manufactured by J. L. ROSE,
At ABBEY ROAD, BARKING, LONDON, E.
Wholesale and Export only.

'Blighty'
REG TRADE MARK
BURGUNDY MIXTURE
A PROFITABLE SELLING INVESTMENT! Widely advertised through the Press by illustrated literature and pictorial posters.
THE READY PREPARED SPRAYING MIXTURE. Made from 'Maple Brand' Copper Sulphate. *Approved after independent trials by the Food Production Department.* Packed in convenient sizes. Cartons, 1, 2 & 4 lb.; also Bags of 14, 28, 56 & 112 lbs. Absolutely the Best!
THE MOND NICKEL CO., Ltd., 39 Victoria St., LONDON, S.W. 1.
(Horticultural Section)

To AGRICULTURAL CHEMISTS
AVERILL'S
FOOT-ROT OINTMENT.
A good line to stock, clean to handle, smart get-up, well advertised in all the leading agricultural papers. Shows handsome profits; retails at 1/6 per tin (P.A.T.A.) Proprietor:
C. H. AVERILL, CHEMIST,
LICHFIELD - - - STAFFS.
Wholesale Agents—
May, Roberts & Co., Ltd., Clerkenwell Road, London, E.C. 1.

USE UNSKILLED LABOUR DO WORK QUICKER, SAVE LABOUR.
Labour-Saving Machinery
FOR GLASS BOTTLE FILLING, JAR FILLING, SHALLOW TIN FILLING, FLASK, CAN AND DRUM FILLING.
Machines for filling all liquids and semi-liquids in any shape or size of receptacle. Write for particulars.
Roberts' Patent Filling Machine Co.
BOLTON.
Labour-Saving Machinery, in comparison to what it can save, NEVER COSTS SO LITTLE AS NOW.

The Northern Tin Canister Works,
6 Mersey Street,
LIVERPOOL.
Manufacturers for the Chemical Trade.
TIGHT SEAMING & VARNISH BOTTLES A SPECIALITY.
Prompt Deliveries Assured.
Patent Air Tight Slip-lid Tin for Export.

Colton's Pharmaceutical Machinery.
COLLAPSIBLE TUBE FILLING and CLOSING MACHINES.
TABLET AND PILL PLANT,
etc.
HAND-FILLING MACHINE.
JOHN J. GRIFFIN & SONS, LTD., KINGSWAY, LONDON, W.C.

VIKING CHEESE RENNET

WHOLESALE.	RETAIL.
24/- per gallon tin	29/- per gallon tin
12/6 ,, ½ ,,	15/- ,, ½ ,, ,,
6/3 per quart jar	7/6 per quart jar
3/- ,, pint ,,	3/9 ,, pint ,,
1/7 ,, ½ ,,	2/- ,, ½ ,, ,,

VIKING ANNATTO

WHOLESALE.	RETAIL.
12/6 per gallon jar	15/6 per gallon jar
6/6 ,, ½ ,,	8/- ,, ½ ,, ,,
3/6 ,, quart ,,	4/3 per quart jar
2/2 ,, pint ,,	2/6 ,, pint jar

These prices include containers and carriage paid.

VIKING RENNET and ANNATTO must not be resold to Cheesemakers at more or less than the retail prices stated above.

VIKING ESSENCE of RENNET JUNKET TABLETS, and JUNKET POWDER. *Prices on Application.*

Sole Manufacturers—

THE VIKING RENNET CO., LTD., 19 Clapton Square, London, E. 5.

TRADE MARK

G. C. Starup's Danish Cheese RENNET EXTRACT

STARUP'S REAL DANISH CHEESE RENNET EXTRACT is guaranteed to be made from finest calf vells only, and does not contain Pepsin or other kind of substitute.

Chemists and Druggists, please ask for G. C. Starup's real Danish Rennet Extract, Annatto Cheese Colour and Butter Colour. PRICES ON APPLICATION.

G. C. Starup's Chemical Works, Copenhagen, K., Denmark.

The FRENCH Natural Mineral Water.

VICHY-CÉLESTINS

AND THE OTHER STATE SPRINGS OF VICHY.

We beg to remind the Trade that the above are being regularly imported and we have ample supplies always on hand.

VICHY-CÉLESTINS and the other State Springs of Vichy Waters are being continually prescribed by the leading Physicians, and Traders would do well at all times to carry a stock.

THE VICHY WATERS ARE ON THE P.A.T.A. LIST, & SHOW RETAILERS A GOOD PROFIT

CAUTION.—Each bottle from the STATE SPRINGS bears a neck label with the word "VICHY-ETAT" and the name of the SOLE AGENTS:

INGRAM & ROYLE, LTD.,

Bangor Wharf, 45 Belvedere Road, LONDON, S.E., and at LIVERPOOL and BRISTOL.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK "FRAME FOOD"

ON P.A.T.A. LIST. SHOWCARDS FREE.

FRAME FOOD CO., Standen Road, Southfields, London.

Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley, N. F. Cocoa, Biscuits, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock; if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd., Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays, Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

HONEY! HONEY!

JOYBELLS HONEY.
The choicest Honey the world produces—
Screw Top Glass Jars. Nominal 1 lbs.—22s. per dozen.
Terra Cotta Pots. Nominal 1 lbs.—21s. per dozen.

SUNNY VALE HONEY.
Equals that usually sold as best Clover Honey.
Screw Top Glass Jars. Nominal 1 lbs.—20s. per dozen.
Terra Cotta Pots. Nominal 1 lbs.—19s. per dozen.

SWEET FLOWER BELL HONEY.
Terra Cotta Pots. Nominal 1 lbs.—18s. per dozen.

JOYBELLS HEALTH SALT.
Lever Lid Tins. 8s. 6d. per dozen.

BEESWAX.
2s. 6d. per lb. 1 oz. Moulds 2s. 3d. per dozen.

STANDARD HEALTH FOOD COMPANY, LTD.
JOYBELLS WORKS, READING, BERKS.

WINOX Wine Food

is a high-class Pharmaceutical Wine, containing all the food elements of Meat, Malt and Unfermented Grape Juice.

Unsurpassable for Influenza; invaluable for Anæmia, Lassitude, Neuralgia, Nerve and kindred troubles.

Winox will stand any climate, and contains no harmful drugs.

Price 5/6 per bottle retail. Chemists who do not already stock Winox should apply for price to WINOX LTD., Richmond, Surrey.

Birks's Junket Powder

The all the year round dish.

Made by Ed. Birks & Son. Crown Works. Harrow.

LOOK FOR THIS LABEL

A Good Selling Line

for the Spring and Summer. Junket is a complete change from other milk dishes, easily made, eminently rich, palatable, digestible. Birks's Junket Powder has been awarded the Certificate of the Institute of Hygiene and is the purest form of Rennet in existence. Our advertising to the public through the medium of the principal magazines is creating a big demand. It will add to your prestige and profit if you order a supply without delay.

Samples, Prices and Terms on Request.

Edward Birks & Son,
Crown Works,
Harrow.

Tel: Harrow 684.

More Customers

The Beverage

of Health

Will call at your store if they know you stock Vi-Cocoa because this food beverage of the people is in great demand as a tonic restorative in cases of mental and physical overstrain.

Display Vi-Cocoa in your window—it will attract many who would otherwise pass you by. Write for trade terms to-day—they are particularly favourable.

The Watford Mfg. Co. Ltd.
Delecialand —— Watford.

Vi-Cocoa

PURE DRINKING WATER.

The Pasteur Chamberland Filter.

OFFICIAL GOVERNMENT STATEMENT:

Wherever the **PASTEUR FILTER** has been applied, **TYPHOID FEVER** has disappeared.

WRITE FOR LIST B.

Sole Makers:

The British Pasteur Chamberland Filter Co.

5 WHITE STREET, FINSBURY, LONDON, E.C. 2.

The Chemists' Aperient Mineral Water

Aquaperia (Harrogate)

Standardised and Bottled by CAMWAL, Ltd., at their Spring at Harrogate.

Supplants Apenta, Hunyadi-Janos, and Enemy Waters of Similar Character.

HOME PRICES

Per **10/-** Doz.

9/6 per dozen in 6-dozen Lots.

Carriage paid on 2 dozen & upwards.

Minimum Retail Price to the Public:

Per **1/4** Bottle.

P.A.T.A.

2/- per dozen allowed for Empty Bottles returned Carriage Paid to our Factories.

Of all Wholesale Houses, and

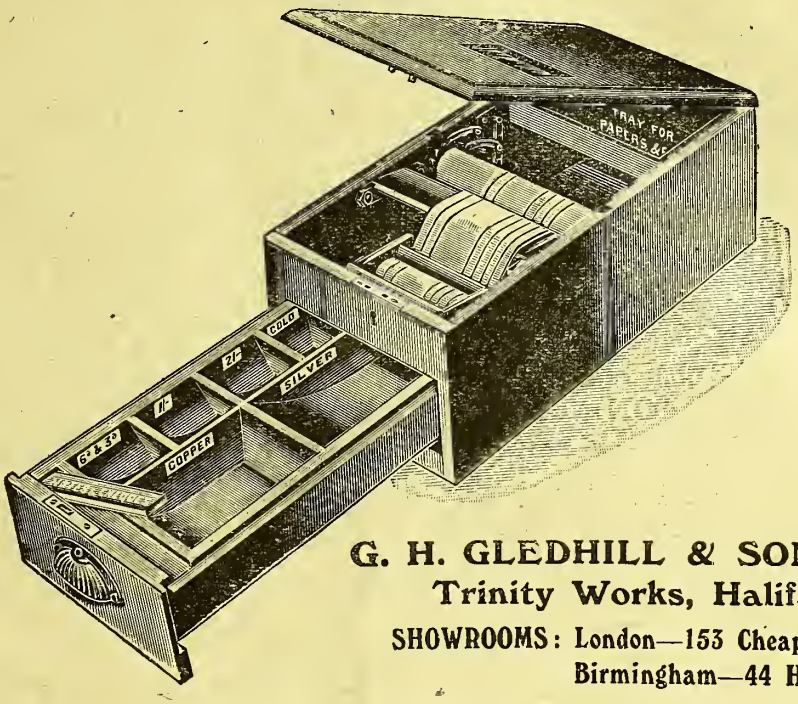
"CAMWAL" LTD.

HARROGATE, MANCHESTER, BIRMINGHAM, BRISTOL, MITCHAM, LONDON, and Depots.

Special EXPORT F.O.B. quotations, including packages.

Special Allowance for Window Display.

GLEDHILL TILLS.



G. H. GLEDHILL & SONS Ltd.
Trinity Works, Halifax.
SHOWROOMS: London—153 Cheapside.
Birmingham—44 Hill Street.

GLEDHILL Tills have been almost unprocurable during the war. We decided that it was more important to win the war than make cash tills, so turned our works over to the production of fine accurate munition work. Our experimental work was also turned over to war purposes, and early in 1917 Mr. A. H. Gledhill invented the Bomb-releasing Gears which are now standard on British Aeroplanes. We have manufactured enormous quantities of these gears. Our plant has been considerably augmented, and we are consequently enabled to make the Best Cash Till Better Still. We thank our customers for their patience, and are now endeavouring to clear off arrears of orders at full speed.

Order now to secure delivery immediately after the arrears in our books have been cleared.

G. H. GLEDHILL & SONS Ltd., Halifax

THOMAS KEANE, *Sample Case Makers,*

Proprietors—THOMAS KEANE & SON, Ltd.

64, 66 & 68 WORCESTER STREET, BIRMINGHAM.

Sole Manufacturers of the

CHEMISTS'
EXCHANGE CASE,

Complete with 8 trays (with 7 or 18 Divisions to each tray). Size 14×9×6.

Manufacturers of

CASH BAGS.
LETTER BAGS.
ATTACHE CASES.
KIT BAGS, ETC.

WRITE FOR ILLUSTRATED PRICE LIST.

Factory — EXCHANGE WORKS, OLD MEETING STREET, BIRMINGHAM.

MEDICAL DISPENSING BOTTLES.

T. FERRY & SON, Ltd.
PARK LANE GLASS WORKS,
GATESHEAD-ON-TYNE.

Telegrams: "BOTTLES GATESHEAD." Telephone: 70 GATESHEAD.

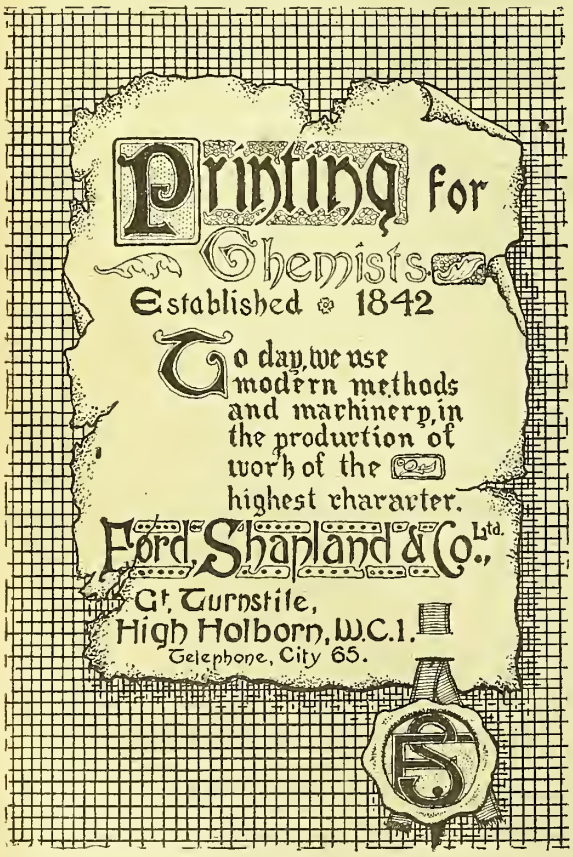
RADIUM COMPOUND.

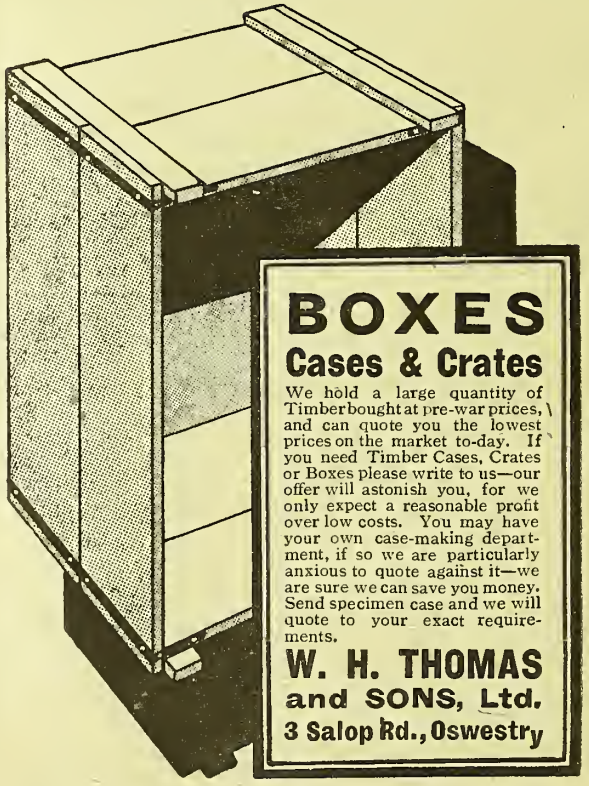
SELF-LUMINOUS.

Highest Possible Efficiency, Durability & Value.

As supplied to H.M. Government, &c.
Guaranteed to pass N.P.L. requirements.
All Grades in stock, from 15/- per gram.
RADIUM SALTS TESTED AND CERTIFIED.

F. HARRISON GLEW, THE RADIUM LABORATORY
156 Clapham Road, London, S.W.





BOXES

Cases & Crates

We hold a large quantity of Timber bought at pre-war prices, and can quote you the lowest prices on the market to-day. If you need Timber Cases, Crates or Boxes please write to us—our offer will astonish you, for we only expect a reasonable profit over low costs. You may have your own case-making department, if so we are particularly anxious to quote against it—we are sure we can save you money. Send specimen case and we will quote to your exact requirements.

W. H. THOMAS and SONS, Ltd.
3 Salop Rd., Oswestry

From April 1, 1919

ALL THREE SIZES

6D. 1/- 1/6

of

CALVERT'S

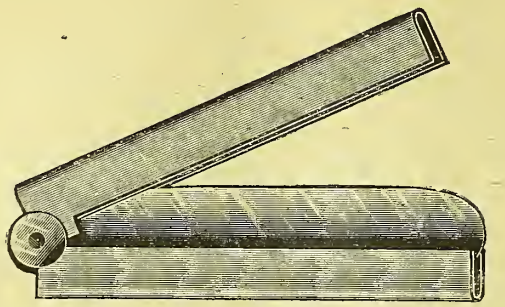
Carbolic Tooth Powder

are only supplied in TINS

As Card boxes have only been supplied on a very limited scale during the last few weeks, Messrs. F. C. CALVERT & CO. scarcely think that there can be many of these packages still in retailers' hands. They will be glad to hear, however, from any chemist who has still any appreciable quantity of Card boxes unsold, but at the same time no general undertaking to exchange them can be given. nor will responsibility be accepted for any stocks returned without previous arrangement.

F. C. CALVERT & CO.,

P.O. Box 147, MANCHESTER.



The "Regnas" Corn Razor

"We're going to have some more rain, my corns are giving me gyp!!!"

Quite a common remark at this time of the year, and always will be, so long as appearance is considered before comfort in boots and shoes.

It's good for trade, though!—your trade in corn remedies and corn removers, and for the latter your stock will need replenishing from time to time with Regnas Corn Razors.

Sheffield produce with the fine temper and finished blade attained by experienced craftsmen.

Each razor in manilla envelope and with one dozen free showcards.

per **4/9** doz.

Less than one dozen at **4/11** doz.

By post 4d. extra. Cash with order will be appreciated if you have no account with us. Accounts opened on approved reference.

Sangers
258 EUSTON RD.
LONDON, N.W.1.

PHOSFERINE.

TRADE NOTICE.

JULY 31st, 1918.

At the request of a large number of Chemists throughout the Country we have decided, from the above date, to fix the retail prices of PHOSFERINE, and all our other Proprietary Medicines, at face value, viz.:

1/3, 3/-, 5/- and 12/-

The Wholesale Prices will be as follows:

1/3	**size**	- -	**12/-**	**per doz., net.**	
3/-	**„**	- -	**30/-**	**„**	**„**
5/-	**„**	- -	**48/6**	**„**	**„**
12/-	**„**	- -	**114/-**	**„**	**„**

Against the conditional £5 worth of Phosferine being taken, a bonus of 10/6 will be allowed for a Phosferine Window Display of not less than 14 days.

ASHTON & PARSONS, Ld., La Belle Sauvage, Ludgate Hill,
LONDON, E.C. 4.

EVANS·GADD
& CO. LTD.

Wholesale and Export DRUGGISTS
MANUFACTURING CHEMISTS

SPECIALITIES

LYSOL ‹GADD›
Antiseptic Disinfectant Soluble

CAERWISC COLOGNE
A HIGH-CLASS EAU DE COLOGNE
VERY ATTRACTIVELY PACKED

CONFELLAX
A Dainty Preparation having the appearance and flavour of a delicate confection and the action of a gentle laxative.

Protected at Face Value by P.A.T.A.

Samples and full particulars on application.

REDCLIFF STREET,
BRISTOL

TELEGRAMS:
"GADD BRISTOL."
"GADD EXETER."
TELEPHONES:
BRISTOL 1046
EXETER 7 AND 688

FORE STREET AND
SMYTHEN STREET,
EXETER

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, APRIL 5, 1919.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after first post on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C.4. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus, Cannon, London." (Three words counted as two.)

EARLIER CLOSING FOR PRESS.

WILL intending Advertisers please note that until further notice all Advertisements for THE CHEMIST AND DRUGGIST SUPPLEMENT must be in the Publisher's hands not later than

FIRST POST THURSDAY MORNING,

to be available for the issue published in that particular week. Owing to restricted postal deliveries it is advisable to *post* all communications on the Tuesday preceding the date of issue. Advertisements received after the time indicated will be inserted in the following week's issue.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—LONDON, S.W. (Main Road).—First-class Dispensing and Retail Business; gross receipts exceed £4,000; well-appointed shop, fully stocked; excellent opening for two men with knowledge of high-class trading.

2.—SOUTH KENSINGTON.—Good-class Dispensing and Retail Business; returns, present rate, between £1,500 and £2,000 at good prices; well-fitted shop, fully stocked; price £600.

3.—LONDON, W.—Good class Dispensing and Retail Business, situate in main thoroughfare; corner position; returns £50 per week at good prices; large residence; private entrance; long lease; price about £1,000.

4.—KENT (Suburban).—Old-established Business, situate in shopping thoroughfare, and in close proximity to railway station; returns last year over £3,000; *gross profit between* £1,200 *and* £1,300; double-fronted shop; corner position; comfortable residence; terms to be arranged.

5.—CITY (Ten Minutes from).—Ready-money Retail, with N.H.I. Dispensing; established upwards of 50 years; returns, present rate, over £2,000; *net profit* £450 *to* £500; rent £60; new lease; vendor's own property; price about £850.

6.—LONDON, N. (Good-class Residential Suburb).—Retail and Dispensing Business; established many years; returns, present rate, over £2,000; no immediate opposition; well-appointed Pharmacy: rent £60; held on lease; price £850.

7.—LONDON, N.W. (Main Road).—Good-class Business; Retail and Dispensing; *net profit* £600; well-appointed shop, nicely fitted and fully stocked; valuation terms would be considered, or lump sum offer.

8.—SEAPORT TOWN.—Wholesale Business, comprising Surgical Implements and Druggists' Sundries; gross receipts last year exceeded £11,000, and the average *net profit for the past three years*, after allowing for depreciation and bad debts, £1,042; further particulars will be furnished on receipt of a banker's reference.

9.—BERKS (Attractive Residential Town).—For immediate disposal, neglected Business, situate in main shopping thoroughfare, together with the freehold premises, for the sum of £750; good opening for an energetic man.

10.—LANCASHIRE (Large Town).—Ready-money Business; returns £1,035 at good prices; rent £20; rates and taxes £8 10s.; lease if desired; price £550.

11.—N.W. COAST (Popular Health Resort).—Ready-money Business; capital situation; returns £2,700; *net profit* £900; turnover might be materially extended under qualified management; price £2,500.

12.—NORTH OF ENGLAND.—Cash Retail, with excellent sale for own Proprietaries; returns average £2,500; *net profit* £700 to £800; stock and fixtures valued at £2,500; rent £50; price £2,300; death cause of sale.

13.—LINCS (Busy Market Town).—Mixed Business, with good Optical connection; returns, last year £8,400; *average net profit for three years* £1,147 *yearly*; commodious premises; vendor's own property; terms, valuation of stock and fixtures, plus premium for goodwill.

14.—WANSTEAD (Within Easy Distance of).—Ready-money Business; established many years; returns, present rate, £1,500 at good prices; rent moderate; long lease; no immediate opposition; price £500.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit the value of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

PARSON C. BAKER
(Pharmaceutical Chemist),
Trade Valuer & Transfer Agent.
Recommended by The British Drug Houses, Ltd.; Messrs. Meggeson & Co.; Barclay & Sons, Ltd.
Valuer to the Association of Manufacturing Chemists.
4 Cyprus Road, Church End, N. 3.

BERDOE & FISH
VALUERS & TRANSFER AGENTS
35 Jewry Street, Fenchurch Street, E.C.3.
Telephone: 1809 Central.
NO CHARGE TO PURCHASERS.

1.—ESSEX COAST.—Select Retail Dispensing and Photographic Business in best position; returns last year £1,370; *net profit* £422; pre-war returns £1,800; good house and Pharmacy; price £100 and valuation; in all about £850; personally recommended.
2.—SURREY (Suburb).—Good-class Retail and Dispensing Business in good position; returns £1,800; *net profit nearly* £450; books well kept; very convenient house; price about £900.
3.—MIDLANDS (Busy Industrial Town).—Genuine Cash Retail and Prescribing Business; returns £1,280 under Manager; *net profit* £350; plenty of scope; low rent; small house; fine modern-fitted shop, fully stocked; death cause of sale; price £500; strongly recommended.
4.—WESTERN COUNTY (Inland Health Resort).—First-class Dispensing and Light Retail for Sale through death; returns about £1,250; has done much more and can again; good residence; low rent; handsome Pharmacy, heavily stocked; price £1,100 or offer.
5.—KENT.—Genuine Herbal and Drug Stores for immediate Disposal in large fashionable town; returns £12 to £14 a week; *net profit* £5 *to* £6 *weekly*; low rent; long lease; small house; price £250; suit unqualified.
6.—LONDON, S.E.—Sound Cash Retail and Prescribing, with N.H.I., in working-class district; returns under Manager £2,000; *net profit* £600; eight-roomed house; low rent; well stocked; price for quick sale £600 cash.
7.—LONDON (Western Suburb).—Light Retail Dispensing and Photographic Business; returns over £1,350; *net profit, about* £500; large handsomely fitted shop, fully stocked; price £800, or £100 and valuation; trial can be had.
8.—LONDON, N.—Light Family Retail and Dispensing, with good Optical connection; returns £1,400, increasing; *net profit about* £400; well fitted and stocked; small house; price £750, or near offer; recommended.
9.—LONDON (Essex Suburb).—Profitable Light middle-class Cash Retail; practically unopposed; returns over £1,000; *net profit* £436; books properly kept; well fitted and fully stocked; price £500.

BUSINESSES WANTED.

We are in immediate want of sound concerns, returning up to £3,000, in town or country, especially South Coast, Midlands, and North; cash buyers waiting. Intending vendors are cordially invited to correspond. Terms sent on application. Established 1879.

AMALGAMATION.

AMALGAMATION.—Old-established and prosperous firm of Wholesale Manufacturing Druggists are prepared to consider amalgamation with another firm, preferably in London, to minimise working expenses. Address in strict confidence, principals or solicitors only, Box No. 1595, c/o Messrs. R. F. White & Son, General Advertising Agents, 33 Fleet Street, E.C. 4.

TO LET.

TO Let, Business Premises with house, London Road, St. Leonards-on-Sea: excellent position in main thoroughfare. For particulars apply Mrs. Angliss, 115 High Street, Rochester.

TO Let, Lock-up Shop: splendid opening for a high-class business in the best residential part of Southport. Apply 38 Park Road, Southport.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

BIRMINGHAM.—A real bargain for quick sale; much-neglected Business; suit unqualified, or would make capital branch; rent £34 (rates included); part let off for £26; £350 if sold by Easter; part cash remain at 5 per cent. per annum; prospective purchasers given every opportunity to investigate genuineness. Apply 89/36, Office of this Paper.

DUNDEE.—Business in busy thoroughfare in centre of city; shop double-fronted, with back shop and cellars; good turnover; immediate entry. Apply Hendry & Fenton, Solicitors, 39 Murraygate, Dundee.

ESSEX.—Under an hour from City, in very good residential neighbourhood, for Sale, owing to death of owner, a high-class Family Business, with good fittings and stock; no near opposition. For particulars apply J. W. Gallagher, Estate Agent, 44 High Street, Brentwood, Essex.

LANCASHIRE (Cotton Manufacturing Town).—For Disposal, a good middle-class Cash Business; established 40 years; present hands 16 years; average cash takings per year for the past three years is £2,180, with an average net profit of £450; cash takings for three months this year is over £950, not including N.H.I., which is over £60; genuine buyers with £850 will be afforded every facility for inquiry and inspection. Apply 90/1, Office of this Paper.

LONDON (Close to).—Old-established, returning £1,500 a year (increasing) of a most profitable nature, consisting of ready-money Retail, Prescribing, and good sale of own Proprietaries; the position is almost a monopoly; long lease; low rent; bargain for £500; part could remain if more convenient to purchaser. "Quinine" (90/8), Office of this Paper.

LONDON, E. 5.—Shop, d.f. Chemist's; completely and well fitted; established over 20 years; chance to pick up good business cheap; rent £55. Owner, 160 Stoke Newington Road, N.

LONDON, E.C.—Genuine Cash Retail and Dispensing Business; medium-class district; returns about £1,300 (N.H.I. included); over 1,400 scripts last month; well fitted and stocked; small house; price £485, or near offer; a bargain. "Terelene" (89/2), Office of this Paper.

LONDON, S.E.—Old-established, ready-money trade, held many years by present proprietor, doing under indifferent management £34 weekly, at exceptionally good net profits; stands in good position to do more; price £600; every facility given for investigation; only wants seeing. Apply "Aspirine" (86/5), Office of this Paper.

LONDON, W.—£250 will secure a fine Pharmacy in one of the best neighbourhoods and centre of high-class market place; expenses wonderfully low, and the addition of £100 worth of new stock to this much-neglected business should result in a good living at once. Apply 88/3, Office of this Paper.

NORTH-WEST.—For immediate Disposal, Light Family Retail and Dispensing; established 50 years; returns over £1,000 at good prices; nice shop, well stocked; good house attached (lease if desired); price £500 (valuation) or near offer; full particulars to genuine buyers. Apply 89/33, Office of this Paper.

SCOTLAND, N.—County town (pleasantly situated); Chemist's Business; turnover last year £1,400; present takings about £30 per week; stock and fixtures at valuation; estimated £600 to £650, with small goodwill; owner wishes to purchase larger business. Apply "Scot" (71/40), Office of this Paper.

SOUTHPORT.—Sound Drug-Store Business, doing £18 to £20 weekly; net profit 28 per cent.; Pharmacist could quickly double; small, compact house and shop; rent £25; fixtures and stock worth about £300; price £350. T. Stevenson, 25 Upper Aughton Road, Southport.

UPPER NORWOOD.—To be Sold, with possession, Freehold Workshop Premises, large yard, dwelling house; suitable for Manufacturing Chemists; adjoins station. F. L. Richardson, Estate Office, Upper Norwood.

BUSINESSES FOR DISPOSAL (*continued*).

A THOROUGHLY good Prescribing and General Retail Business for Disposal (through death of proprietor) in North Wales; agricultural district; good Optical connection which is continually increasing; large beautifully fitted shop, well stocked; storeroom and warehouses; also large modern private house attached; open to every investigation. "Cymro" (86/21), Office of this Paper.

BARGAIN.—For Sale at less than pre-war price, freehold premises, comprising Chemist's shop and house, together with trade fixtures and fittings, stock, and nucleus of business; in splendid position in the popular residential town of Maidenhead; proprietor neglected business during war and now ordered abroad; for quick sale £750 would be accepted for freehold premises, fixtures, stock, and everything; immediate possession. Write "H.," "Boynleigh," 54 Bath Road, Maidenhead.

BUSINESS for Disposal on East Coast; established upwards of 50 years; thoroughly genuine concern, and open to every investigation; double-fronted shop, well fitted, in excellent position. For particulars apply 89/24, Office of this Paper.

FOR Sale, Business of a well-known registered Patent Medicine, which has forged ahead for over 60 years on its intrinsic merits; patronised by Royalty, and possessing Royal testimonials; 90 per cent. of the customers recommend it; fortune to be made if well advertised; ill-health sole cause of selling; no plant or machinery; distribution entirely through London Wholesale houses and few well-known Retail firms; turnover £2,000 per annum; net profits £1,100, with small employment of female labour; every investigation; hundreds of unsolicited testimonials; what offers? or would entertain partnership. [Will the firms and individuals who replied to this advertisement please note the price, £8,000 or nearest offer? Latest order received from one of the leading Retail houses £132.] Apply 64/150, Office of this Paper.

FOR Sale, through illness necessitating proprietor retiring, a profitable Cash Business, situate in a medium-class district; little Heavy or Patent for trade, but a good sale for Counter Specialities; rent, taxes, and gas average £35 yearly; returns last year £800; this year shows an increase; price £300 or valuation. Apply Bono, Arnfield & Sons, Manufacturing Chemists, Stockport.

HIGH-CLASS Dispensing, no N.H.I.; Photography, Dentistry, Perfumery, little Toilet trade; valuable proprietaries much neglected; large increase possible these lines; returns nearly £900 at good prices; London, W. Apply 86/35, Office of this Paper.

BUSINESSES WANTED.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

BOURNEMOUTH OR NEAR.—Wanted, for cash, Chemist's Business; advertiser is free now, and will treat every communication with absolute confidence. Address 89/35, Office of this Paper.

LONDON.—Cash Retail or Drug Store on modern lines; doing £40 or £50 a week; net profits £500 to £700; spot cash will be paid. Full particulars to "Aspirin" (87/11), Office of this Paper.

YORKSHIRE or Northern County.—A sound Agricultural Business, with a turnover of £2,000 or more; good living accommodation essential; please state full particulars in first letter; replies treated in confidence. Apply 85/5, Office of this Paper.

A GOOD Business wanted on East Coast or South Coast; turnover about £2,000; cash ready. Replies, giving full particulars in confidence, to 88/28, Office of this Paper.

A SOUND well-established Business, with turnover of £2,500 upwards; Yorkshire or the North; must have house attached and bear the strictest investigation. Apply 85/50, Office of this Paper.

G.E. RAILWAY, Main Line from London to Norwich.—Wanted, Business, situated on above Line, or good connection with same, with scope for increase. Give particulars of takings, expenses, and approximate price to "N.C.O." (82/6), Office of this Paper.

BUSINESS wanted at seaside resort, with living accommodation; net profit not less than £500. Address, in confidence, 88/40, Office of this Paper.

GOOD Light Retail Business wanted, doing up to £1,500; on or near coast, or in provincial town preferred; comfortable house attached; could take over at once; cash available. Please give full particulars of business, house, locality, price, etc., Coulthurst, Ash, Canterbury.

PHARMACIST requires small Business in London with house attached; kindly give full particulars, which will be treated as confidential; poor district of no use. "W. J.," 37 Atherfold Road, Clapham, S.W.

SOUND Business wanted; Midlands preferred, but not essential; good Dispensing and Counter trade showing net profit of £300 to £400, with scope for increase; medium rental, with good house attached; cash transaction; please give full particulars of business, house, neighbourhood, and what competition. Hind, Station Street, Kibworth, Leicester.

WANTED, a Business with turnover not less than £1,000; good house, etc.; must bear strictest investigations; or would entertain Managership with view to succession; replies treated in confidence. Apply "T. M." (82/11), Office of this Paper.

WANTED, Management of good medium-class business, costing about £750, with a view to early succession; money available; house accommodation essential; Midlands preferred. Reply in confidence, giving full particulars in first letter, to "H. A." (83/25), Office of this Paper.

WANTED, small Drug Stores; Yorkshire market town or country; living accommodation. Address 85/11, Office of this Paper.

WANTED, a sound Chemist's Business; preferably in Scotland, but not essential; good turnover in Counter trade, with good net profits; one where owner wishes to retire soon would be entertained; capital now available, also banker's reference. Reply, with full particulars, "D. R.," c/o Mitchell, 176 Great Western Road, Aberdeen.

WANTED (at once), for cash, good Light Retail and Prescribing; returns £1,200 to £1,500; country or small town preferred; good house, if with garden an advantage. Particulars in confidence to "Gresham" (87/21), Office of this Paper.

WANTED, small Business returning about £1,000, in good medium-class district. "A.," 16 Lower Road, S.E. 16.

£10 OFFERED for suggestion (if accepted) of suitable premises and locality for Chemist's business in medium or good-class district of Lancashire; town or seaside; advertiser is prepared to consider the purchase of established business. Fullest particulars in confidence to 87/22, Office of this Paper.

FOR SALE.

3s. 6d. in 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

BEST cash offer wanted (whole or part lot), 1-cwt. cask Pulv. Acid. Tart. Apply Samuel Shelley, Ltd., Market Place, Bilston.

CLEARANCE.—3 doz. c.o. Pince-nez, @ 12*s.* doz.; 3 doz. ox. Pince-nez, @ 12*s.* doz.; 3 doz. ox. Blue Frame Specs, @ 18*s.* doz.; 3 doz. Nickel Frame Specs, @ 18*s.* doz.; 1 doz. ox. Blue Frame Pebble Specs, @ 30*s.*; 2 doz. oc. Thin Wire Curled Side Specs, @ 12*s.* doz.; 2 doz. Smoke and Coloured Specs and Pince-nez, @ 12*s.* doz.; 1 doz. G.F. Astig Frames, @ 30*s.* doz.; 1 doz. G.F. Spec Frames, @ 36*s.* doz.; 1 doz. Rimless Pince-nez or Astig, 30*s.* doz.; 1 doz. Eye-glass Chains, 12*s.* doz.; parcels sent on appro. against cash on deposit. B. Adams, Chemist, Mansfield.

CHEMIST'S FIXTURES.—Drug Drawers (in three sections), with cupboards and lockers under, polished mahogany, cut-glass handles; also bent-end plate-glass Showcase, with bevelled plate-glass shelves, window enclosure, and outside blind as fixed; central heating Gas Fires; advertisement Overmantle; selling owing to alterations. Phillips, 128 Seymour Place, Marylebone.

FOR Sale, 16 cwt. Borax, slightly damp, in 2-cwt. sacks. What offers? Critchley & Co., Chemists, Blackburn.

FOR Sale, Wall Case, 8 ft., mahogany and plate glass, piano front; Dispensing Counter, 6 ft., mahogany and plate glass; Sponge Case, mirror above, four showcases at sides; Counter Case, 9 ft., mahogany and piano plate glass, show shelves at back; Writing Desk, solid mahogany, with plate showcase in front; 3 sets mahogany Drawers, glass labels and knobs, each 6 ft. Ettles, The Cottage, Newington, North Kent.

FOR Sale, complete small Mineral-water Plant, in good working order, comprising one Barnett & Foster No. 2 Compact Machine for use with compressed gas, fitted with reducing valve and Galway syphon-filler; one Langdon-Davis half horse-power geared electric Motor, with starting switch, cut-out, etc.; one galvanised-iron Tank, Berkefeld Filter, syphon Repair Tools, large number of 35-oz. Syphons and Cases; output capacity 12 to 15 doz. per hour. Emmerton, 27 High Road, Balham, London, S.W. 12.

MAHOGANY Fixtures: Two Drug Fittings, 68 drawers, glass knobs and labels, lockers, shelving, etc., each 9 ft. long; glass-fronted Wall Case, height 7½ ft., width 2¾ ft.; Desk and Upright Case, 2 ft. square, attached; accept £30 lot, or sell separately. What offers? Bishop, Chemist, Watergate Street, Chester.

TOZANA, 2 gross gent's. 1*s.* size, ½ gross Vanishing Cream, 1 gross Carton's Shampoo Powders; what offers whole or part? also 3 doz. 4″ Cuticle Scissors, curved blades, 48*s.* doz., sample 4*s.* 2*d.*, post free, or would exchange for Anzora, Pears', or Erasmic specialities. Wilson, 14 Henslow Road, Ipswich.

AGENCIES.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

DUBLIN CITY firm, old-established connection amongst Wholesale trade, at present representing leading Manufacturers, highest references, open to undertake Agency for Ireland for first-class house. Apply 45/29, Office of this Paper.

FRANCE.—Advertiser established in Paris and with good connection among French Chemists, covering whole country, desires sole Agency for one or two lines of British goods; takes all accounts; correspondence in English. Address full particulars to "D.," c/o Surgical Supply Co., 19 Cannon Street, Manchester.

PARIS.—Representative is open to take up an Agency for Pharmaceutical Products, etc. Write Knocker, 87 Route de St. Leu, Enghein, Paris.

PORTUGAL.—Well-established firm at Lisbon with very good connection among dealers in Chemicals and Drug products desires to represent first-class houses manufacturing Ink Powders, Chemical Colours, and Chemical Products generally, for all industries; successful results guaranteed; good references. Address 17/15, Office of this Paper.

AGENTS wanted in Birmingham, Manchester, and the chief provincial centres, for the "Kenney" leg; must be able to take measurements and fit. Write, The "Kenney" Limb Co., Ltd., 45 Bedford Row, London, W.C. 1.

EASTERN Traveller many years' experience, commanding large European and native trade in India, Burma, Ceylon, Malay, China, Japan, and Australia, going on journey shortly, wants a sound good Agency; commission and part expenses. Reply first by letter to 88/8, Office of this Paper.

M.P.S., OF good appearance and address, who has sold his business, desires responsible position in the Wholesale; preferably as Representative to a good house; good Salesman; really good Agencies not objected to. Apply "Traveller" (83/21), Office of this Paper.

MANUFACTURING firm desire Agents calling on the Retail trade in London and provinces to push their specialities; scale preparations, etc.; good commission offered. Write 89/30, Office of this Paper.

THE ANGLO-FRENCH DRUG CO., LTD., desire to inform the trade that they have opened a Branch in Paris with large stock rooms. They are therefore now in the position to offer their unique experience in introducing British goods and Specialities into France, and would be pleased to receive proposals as to sole Agencies. The Company would also act as buyers in France for British and Colonial firms on a small commission basis. Proposals, etc., which will be treated confidentially, to be sent to the Head Office, Gamage Buildings, Holborn, London, E.C. 1.

WANTED, Wholesale Distributing Chemists (registered) to act as Agents for United Kingdom by firm making an anæsthetic for Dentists; excellent testimonials; firm of sound repute only entertained. McAuley, 51 Gorton Street, Blackpool.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

RETAIL.

ASHTEAD, SURREY.—Wanted, young lady as Junior; short hours, no extra duties; comfortable position. Apply, with full particulars of experience, etc., to B. C. Browell, Pharmacist, Dorking.

BEACONSFIELD.—A Junior Assistant, lady or gentleman, required for a Dispensing business; outdoors; one who has had a regular apprenticeship in a first-class business preferred. State particulars of experience and salary required, and enclose photo, to Mr. Brooke, Chemist, Beaconsfield.

BIRMINGHAM.—Qualified Chemist required for quick Cash trade and Dispensing; capable of taking charge. State age, experience, and salary required, Wilkins, 359 Birchfield Road, Perry Barr.

BIRMINGHAM SUBURB.—Qualified Assistant required for medium-class business; Dispensing, N.H.I., Photography, etc.; outdoors; age immaterial; elderly gentleman not objected to, or one with slight physical defect if steady and reliable. Apply in first instance giving full particulars, salary required, etc., to C., Moores & Co., 11 Bromsgrove Street, Birmingham.

BIRMINGHAM.—Qualified Assistant required for business situate in an industrial district; permanent and comfortable berth. Apply "A." (89/23), Office of this Paper.

BOLTON.—A qualified Manager for middle-class Retail, about Easter. Please give full particulars to Waller & Riley, Ltd., Chemists, Bradshawgate, Bolton.

BRIGHTON (outdoors).—J. Colby & Co., 101 Western Road, require a competent male Assistant well practised in Dispensing and Counter work. Applicants asked to apply by letter only, and state in first letter age, height, salary required, and where experience has been gained; also to enclose photo if possible.

BRISTOL.—Elderly or middle-aged, qualified Assistant for whole or part time; permanency; cash Retail and Dispensing. Apply, giving particulars, to "B." (85/32), Office of this Paper.

CARDIFF.—Duck & Son, St. John's Square, require a Dispensing Assistant; lady or gentleman of good ability. State age, experience, and salary

CHANNEL ISLANDS (Jersey).—Competent Assistant wanted for high-class Dispensing and Retail; must have had good Dispensing experience; weekly half-holiday, no Sunday duty. Apply, stating salary required (outdoors), and full particulars of experience, age, etc., to F. G. de Faye, Pharmacist, St. Helier, Jersey. (Postage, 1½d.)

DONCASTER.—Required (immediately), a competent Assistant for a General, Family, and Dispensing business conducted on progressive lines; preferably single (owing to house difficulty). Apply, giving full particulars as to age, height, experience, whether qualified or unqualified, and salary required (outdoors), to M. H. Stiles & Son, The Rexall Pharmacy, Doncaster.

HARROGATE.—Wanted, Junior Assistant for Light Retail and Dispensing business; outdoors. Full particulars to Leo. Benjamin, 57 Cold Bath Road, Harrogate.

HULL.—Qualified Assistant (outdoors); suit partly disabled ex-soldier or elderly man; easy hours; comfortable berth; very light duties; permanent position; progressive salary. Apply, with usual particulars, to 85/17, Office of this Paper.

LEICESTER.—Unqualified Assistant required (immediately); must be a good Dispenser; permanency. State salary required, and when at liberty, "L." (89/232), Office of this Paper.

LLANELLY.—Wanted (at once), an Assistant (unqualified). Please state age, salary required (outdoors), and reference, to John Gower, Chemist, Vaughan Street, Llanelly, Carmarthenshire.

LONDON, N.—Wanted, an Assistant with good all-round experience for a middle-class Retail with N.H.I. Dispensing. Apply, with full particulars of experience, names of references, when disengaged, and salary required (in- or out-doors), Barnard & Son, 115a Stoke Newington Road, London, N. 16.

LONDON, S.W.—Experienced qualified Manager required for good middle-class trade, Prescribing, Photographic, etc.; must be active, sober, and accustomed to quick Cash trade; good prospects to the right man. Apply, giving full particulars in first letter, or apply personally, Friday evening, between 4 and 8 p.m., to Morton's Cash Chemists, Ltd., 199 Portobello Road, Notting Hill, W.

LONDON, W.—Wanted (immediately), a gentlemen as Junior, with good experience in Dispensing. State salary required, age, and full particulars by letter, to John Atkins, Chemist, Queen's Road, Bayswater, W. 2.

LONDON, W.—Sharpe & Son have a vacancy for an Assistant with good Dispensing experience; outdoors. Particulars of former engagements, age, salary, and when disengaged, to W. J. I. P., c/o Sharpe & Son, 34 High Street, Notting Hill Gate, W.

LONDON, W.—An Assistant wanted at the end of the month; quick, accurate, and capable Dispenser; not necessarily qualified; outdoors; no Sunday duty. Please give full particulars of age, experience, and salary expected, 90/30, Office of this Paper.

MANCHESTER.—Manager (qualified) required as soon as possible for branch; good-class cash Retail, very small N.H.I. Apply, giving full particulars as to age, experience, salary expected, etc., to W. F. Cuttiford, Pharmacist, 249 Bolton Road, Pendleton.

MANCHESTER.—Qualified Assistant required; permanent; capable taking charge if necessary; cash Retail and N.H.I. Dispensing; state full particulars. Latewards, Ltd., 389 Ashton New Road, Manchester.

MANCHESTER.—Unqualified Assistant, mainly for Counter work, in high-class Pharmacy; one with highest class experience preferred. State full particulars and salary required, Westmacott & Son, 17 Market Street.

MARGATE.—Gentlemanly Assistant (outdoors); about 24; good-class Retail and Dispensing business. Full particulars previous experience, age, height, salary, when disengaged, W. M. Rosser, Baily & Co., 2 Ethelbert Terrace, Margate.

NEAR BIRMINGHAM.—Elderly qualified Assistant required; must be active; permanency. State age and salary required, "W. Q." (89/231), Office of this Paper.

NEAR MANCHESTER.—Lady Assistant required for Retail and Dispensing business; previous Counter experience absolutely necessary. Address, stating age, experience, salary, etc., to 87/311, Office of this Paper.

NEAR MANCHESTER.—Wanted, qualified Assistant; either sex; Counter experience necessary. State age, experience, and salary required, 87/310, Office of this Paper.

NEAR MANCHESTER.—Qualified Assistant to take charge of branch; must be a good Salesman and Manager. Please state age, height, details of experience, and salary required, 87/31, Office of this Paper.

NEAR MANCHESTER.—Unqualified Assistant wanted (outdoors); Mixed business and N.H.I. Dispensing; one other kept. State salary and usual particulars, 88/20, Office of this Paper.

NEWCASTLE-ON-TYNE.—Qualified Assistant wanted for brisk Cash Business; must be capable of taking management occasionally; short hours (about 48 per week) and no Sunday duty; good salary to the right sort. Fullest particulars as to previous engagements, copies of testimonials, and salary required to 90/33, Office of this Paper.

RAMSGATE.—Manager for good-class Light Retail and Dispensing business on cliff; qualified; young; married preferred; liberal salary to capable, energetic man. Please give full particulars to Skitt, Chemist, Ramsgate.

SHEFFIELD.—Qualified Assistant to Manage Branch. Full particulars, age, experience, salary required, etc., 88/21, Office of this Paper.

STAFFORD.—Lady Assistant wanted for good-class Dispensing and Retail business; please give full particulars of experience and state salary required. J. & H. A. Averill, Pharmaceutical Chemists, Stafford.

SURREY.—Good opening for unqualified Assistant; used to high-class Dispensing business; permanency. State when at liberty and salary required, "W." (89/230), Office of this Paper.

WILTSHIRE.—Assistant required in Retail and Dispensing country business; easy hours; comfortable post. Apply, stating age, experience, and salary (indoors), to 82/22, Office of this Paper.

WORTHING.—Junior Assistant, with Dispensing experience. State salary and usual particulars to W. Aston & Co., 27 Montague Street, Worthing.

YORK.—Junior Assistant or Improver for Light quick Retail and Dispensing; outdoors; no Sunday duty; one just completed, or partly completed, Apprenticeship would do. State full particulars, Hooper, 44 Gillygate, York.

ASSISTANT (Junior), London, S.W., with experience in quick cash trade, and expert in Stock, Photographics, Dispensing, and Window-dressing; good salary and prospects for smart, experienced man (ladies tabooed). In reply please give age, references, salary, etc., to 80/4, Office of this Paper.

ASSISTANT, for few weeks May-June; essential qualification high-class Dispensing experience; no N.H.I.; Liverpool neighbourhood; outdoors. Write "G.," c/o Egar, Fleet Street, Liverpool.

ASSISTANT, lady or gentleman, for Dispensing and General Retail; little N.H.I.; hours 8.30 to 8 p.m., one o'clock on Thursdays, Sunday duty 6 to 8 alternate Sundays; please give full particulars of experience and salary required in first letter. Apply Williams, Chemist, 169 Brockley Road, London, S.E. 4.

ASSISTANT required in brisk county trade, Midlands; must be expert Extractor. Please give full details to 75/26, Office of this Paper.

ASSISTANT wanted (immediately) for Country Family Dispensing and Agricultural Business; short hours; no Sunday duty; picturesque district; please give full particulars; outdoors. Frost, 12 Church Street, Monmouth.

ASSISTANT required for good Dispensing business; no N.H.I. State full particulars, age, experience, references, and salary required (outdoors) to W. A. Weston, 8 Sandringham Parade, Ealing, W. 5.

COMPETENT Junior for good-class Dispensing and Photographic business; comfortable berth for right man. Full particulars, including salary required (outdoors) and photograph if possible, to Makepeace, Pharmacist, Sanderstead, near Croydon.

DISPENSER wanted, also to assist at Counter. Write, giving full particulars or call, Wm. Fox & Sons, Ltd., 113 Bethnal Green Road, E. 2.

EVENING Dispenser.—Fulham Chemist requires evening man, experienced in N.H.I. work. Particulars of experience and terms to 90/12, Office of this Paper.

EXCELLENT opportunity for a smart, energetic Junior Assistant in a high-class Dispensing business; Midlands; time for study if desired. State particulars as to experience, references, and salary required, to 90/40, Office of this Paper.

HUNT & CO., Winchester, require two Junior Dispensers at once; kindly reply with full particulars.

JUNIOR Assistant required with good experience (outdoors); hours 9 to 7, Saturdays 9 p.m., Wednesday 1 p.m. Apply Roberts & Co., Chemists, Acton, W.

JUNIOR Assistant required in a brisk, good-class business; one with some knowledge of Photography preferred. Please give full particulars, references, and enclose photo, to T. L. Nicholls, Pharmacist, Chelmsford

JUNIOR or Assistant, with good Dispensing experience, industrious, and who will take an interest in the work, wanted early. Please state age and salary required, and give particulars of experience, "K.," 16 Francis Road, Croydon.

JUNIOR Assistant (gentleman); chiefly for good-class Counter work; unqualified. Dyson & Co., 35 Gloucester Road, S.W.

JUNIOR Male Assistant wanted for brisk Counter and Dispensing; unqualified; outdoors. Apply, stating experience, wages required, etc., to F. H. King, 178 Hamlet Court Road, Westcliff-on-Sea.

LADY Window-dresser for speciality; plenty of show material. A. & E. Caneras, Toilet Specialists, 207 King Street, Hammersmith.

LADY Dispenser and Bookkeeper required (part-time) in eastern suburban private practice; two hours' duty every alternate Sunday. Address 80/3, Office of this Paper.

LADY Assistant of good address; must have had good experience in Dispensing. State qualification, age, height, experience, salary, and when disengaged, Messrs. G. T. W. Newsholme, Ltd., Dispensing Chemists, 27 High Street, Sheffield.

MANAGER (at once); qualified; outdoors; hours 9 a.m. till 8 p.m.; knowledge Photography; no Sunday duty; whole day holiday weekly; also close Thursday, 1 to 6 o'clock; small amount N.H.I. Apply Long, 197 Lower Clapton Road, London, N.E.

MANAGER (qualified) for quick Retail business; N.H.I.; Dispenser kept. Apply, stating salary and usual particulars. to 90/39, Office of this Paper.

PHARMACIST required for Branch Managership; must be intelligent and enterprising; commencing salary £260 per annum and commission. Apply "Progress" (88/39), Office of this Paper.

QUALIFIED Manager (branch); no half-holiday or Sunday duty. Salary and full particulars to Hamer, Chemist, Chorley.

QUALIFIED Assistant with good experience required (immediately) for a few weeks (outdoors); short hours; two Juniors kept; state age, experience, references, and salary required G. Humphreys, Pharmaceutical Chemist, Northwich, Cheshire.

QUALIFIED Assistant wanted with view to succession; good-class business in large town (Midlands); returns above the average. Apply 87/4, Office of this Paper.

QUALIFIED Dispenser (Minor) wanted for London, S.E. district; assist at Counter; capable and accurate. Apply, stating references, salary, and full particulars to "Chemist," 77 High Street, Croydon.

QUALIFIED Locum wanted for two or three months in the summer, for good-class Dispensing business; no N.H.I. work; must be an experienced Dispenser. Please state experience, salary required, and references, to J. W. Moorhouse, Pharmacist, Barnsley.

QUALIFIED Assistant to take charge of Branch: short hours; light work; pleasant country district; good-class business; no N.H.I.; suit elderly or disabled man. State full particulars, 88/18, Office of this Paper.

QUALIFIED Assistant for good-class Retail and Dispensing business. Apply with all usual particulars, salary required, and photo, to E. Bing & Son, Pharmaceutical Chemists, Canterbury.

QUALIFIED Assistant (young), with all-round experience of good-class Dispensing and Retail, for three or four months (probably permanent); residential suburb of Leeds; short hours; outdoors; another Assistant kept. Apply, in first instance, to 90/31, Office of this Paper.

RELIABLE qualified Assistant wanted for country Mixed business; healthy and pleasant district in East Yorkshire; prospect of succession to a suitable man. Apply "Radix," c/o Raimes & Co., York.

SMART qualified Manager for Branch; quick suburban trade; no Sunday duty; salary £5 weekly. Full particulars to R. & J. Herman, Pharmacists, Colonial House, Water Street, Liverpool.

UNQUALIFIED Assistant required (outdoors) last week in April for a month or two (till old Assistant is demobilised) for good-class country business. Please state full particulars and salary to Woodhouse & Son, Chemists, Ludlow.

UNQUALIFIED Assistant, with good experience in Dispensing and Retail; outdoors. S. P. Sayers, 7 Brent Street, Hendon, N.W. 4.

WANTED, Assistant, qualified or unqualified, good knowledge of Photography, for good-class business. State usual particulars and salary required to C. W. Duffin, 8 Market Place, Wakefield.

WANTED, qualified Assistant for Mixed country business; elderly man not objected to; no Sunday duty. Please send salary required and all particulars to 83/18, Office of this Paper.

WANTED, Junior Assistant or Improver (indoors) for country business; easy hours, half-day Wednesdays, no Sunday duty. Apply, with particulars of age, salary required, and experience, to W. Sowray, Chemist, Helmsley, Yorks.

WANTED (at once), smart qualified Assistant, age 25-35, for Dispensing and quick Counter; hours 8 to 8, Wednesdays at 1 o'clock, no Sunday duty; state age, height, salary required, experience. W. H. Dixon & Sons, Ltd., East Grinstead.

WANTED, North Wales, Assistant, qualified, to take alternate duties with proprietor (two shops); would suit elderly gentleman; knowledge of Welsh an advantage. Apply (salary required, outdoors) to H. Rogers Jones, Llandudno Junction.

WANTED, a reliable businesslike Assistant for good-class Dispensing business near Liverpool; state age, experience, references, and salary required (outdoors). Reply "Cheshire," c/o Messrs. Ayrton, Saunders & Co., Liverpool.

WANTED, competent Assistant; experienced in good-class Dispensing business. Apply, giving full particulars of experience and salary required (enclosing photo if possible), to Hall & King, West Cliff Pharmacy, Folkestone.

WANTED (immediately), temporary Assistant to manage a seaside business for few weeks; knowledge of Optics an advantage. Apply Delta, c/o British Drug Houses, 22 Graham Street, City Road, N.

WANTED, Locum, qualified, from April 22nd to May 10th, both dates inclusive. Photo and usual particulars to D. Merchant, 1 Rockingham Place, Eastbourne.

WANTED, Assistant; unqualified; a good all-round man for quick Retail and N.H.I. Dispensing; outdoors. Apply, with full particulars and salary required, to J. Patterson, 62 Ilford Lane, Ilford.

WANTED, unqualified Assistant, with good experience, knowledge of Photography. State age, salary required (outdoors), to Wisey, Nailsworth, Glos.

WANTED, qualified Assistant; young and active; outdoors; easy hours; no Sunday duty. Apply, with full particulars, stating age, references, and salary required, to E. J. Kitson, Worcester.

WANTED, for April 18th (temporary), reliable Assistant with good Dispensing experience. Apply, stating salary required nd usual particulars, to "M. I. G." (89/10), Office of this Paper.

WHOLESALE

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies ddressed to this Office, and forwarded on payment of an dditional charge of **6d.**

A FIRM of Toilet Speciality Manufacturers are open to appoint two Representatives for the London district; either sex; grit, lling ability, and a capacity for hard work essential. Write, in nfidence, full particulars to 88/32, Office of this Paper.

ASSISTANT (male or female), with Minor qualification and inventive and mechanical ability, wanted by London Wholesale firm. Apply, stating age, salary required, previous experience, nd enclose photograph (to be returned), to 108/50, Office of this aper.

NITRATE Room Assistant wanted. Apply to Willows, Francis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C.

COMPRESSED Tablets and Pills.—Assistant with some experience required; used to Colton machines. Apply to Willows, rancis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C.

ENGINEER, Fitter, and Turner for maintenance and erection of tablet machinery, punch and die making, and repairs. tate experience and wages required, 109/67, Office of this Paper.

FOREMAN for Essential Oil Department by London Wholesale Druggists; age 25-35; discharged soldier preferred. State e and salary required to Mr. Drage, 62 Bank Chambers, W.C. 2.

LABORATORY Hand required; used to Press and Tincture work. Apply to Willows, Francis, Butler & Thompson, Ltd., 40 dersgate Street, E.C.

PILL Maker wanted; must be experienced and used to handling machinery. State previous employment and wages required, M. D." (101/42), Office of this Paper.

PROVINCIAL firm of Wholesale Druggists require a lady to manage their Packed Goods Department; must have had evious experience, and be a good disciplinarian and organiser. pply, stating experience, references, and salary asked, to 108/11, ffice of this Paper.

RELIABLE woman wanted to take charge of Manufacturing of Proprietary Preparation, to supervise Bottling, Labelling, and king in hand careful numbering. Apply Permanol, Ltd., 10 ee's Court, Oxford Street, W. 1.

SHORTHAND Typist required for City Wholesale Druggist; also two Juniors (male or female). Apply by letter, giving full artioulars and salary reqnired, to 109/9, Office of this Paper.

SMART, capable, enterprising young man required to take control of small Wholesale Druggists; applicant must possess eneral knowledge of the trade; good prospects. Apply 87/39, ffice of this Paper.

TABLETS, Medicated Lozenges, and Pastilles.—Wanted, a live man; thoroughly capable; progressive interest offered; beral salary. Apply in confidence 243 Beeston Road, Leeds.

TABLET Maker; thoroughly experienced in every branch of the trade; capable of taking entire charge of small Works. pply, stating full particulars, to 87/390, Office of this Paper.

TRAVELLER required for London and suburbs; also for Birmingham and district; already calling on Chemists, Hairdressers, nd allied trades, to carry high-class Proprietary line; commission asis and liberal support. Apply 110/2, Office of this Paper.

UNDER-FOREMAN for Wet Counter by London Wholesale Druggists; age 25-30; discharged soldier preferred. State age nd salary required to Mr. Church, 62 Bank Chambers, W.C. 2.

WANTED, experienced Tablet Machinist. Apply W. B. Cartwright, Ltd., Tablet Makers, Rawdon, near Leeds.

WANTED, an Assistant Chemist (lady or gentleman) in manufacturing Proprietary Medicines, Surgeons' Mixtures, Veterinary Ointments, Pessaries, Toilet preparations, etc.; work not heavy or technical. Apply by letter 107/45, Office of this Paper.

WANTED, Representative on commission for Bristol and South Wales, must have good connection, calling on Chemists, etc., to sell well-established article; repeat orders certain; thousands of testimonials received; advertisers would consider paying salary and commission to good man. Apply 87/17, Office of this Paper.

WANTED, an experienced Bottler and Wrapper for Patent Medicine trade for month or two. State age and wages required, 64/15, Office of this Paper.

WANTED, several smart Travellers with good connections, to push excellent side line; proved dry cleaner, sell 3*d.*; not a dye; perfect results on the fashionable velour hat and wide range of articles; smart showcards; small samples; 20 per cent. commission. State territory and particulars, in confidence, to 89/18, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, p epaid.

(Colonial, Indian and Foreign.)

BRITISH EAST AFRICA.—Wanted (immediately), young qualified Assistant; three years' engagement; salary monthly £25, £30, £35 respectively; second-class return passage paid. Apply by letter, stating age, qualifications, and experience, to Davis & Soper, Ltd., 54 St. Mary Axe, E.C. 3.

FAR EAST.—Qualified Assistant wanted (at once) for old-established business in Hankow; four years' agreement; £40 monthly; passage paid out and home; must have good health; age about 25 to 30. Send full particulars to Butlers (London), Ltd., 124-7 Minories, E. 1.

FAR EAST.—One or two qualified Assistants; age 22 to 30; must have had good experience in first-class Retail business; good salary; passage paid out and home on a four or five years' agreement. Address "Export" (86/31), Office of this Paper.

INDIA.—Assistant, qualified preferred, required for a high-class British Firm of Chemists in Calcutta; 4 years' agreement; passage paid out and home; monthly salary, 1st year Rs. 300, 2nd year Rs. 325, 3rd year Rs. 350, and 4th year Rs. 400. Apply, giving full particulars of experience, etc., to 88/6, Office of this Paper.

JAPAN.—Two qualified Assistants required for first-class Pharmacy in Yokohama; four years' agreement; salary £20 per month first year, increasing to £30; free furnished quarters with lighting and heating; passage paid out and home. Apply, with copies of testimonials and photograph, to M. H., Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

JAPAN.—Wanted (immediately), Junior Assistant, single, qualified, in first-class business at Kobe; easy hours; liberal salary; passage out and home. Send for full particulars, with photo, to M. H., Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

MOROCCO.—Assistant for first-class Pharmacy; qualified; must speak and write French; good salary to suitable man; principal will be in London shortly. Apply, with particulars, to C. J. R., Evans Sons Lescher & Webb Ltd., 60 Bartholomew Close, E.C.

SINGAPORE.—Wanted (immediately), qualified Assistant; young, single, and sound; passage paid out and home; three years' engagement; monthly salary of $250, $275, and $300 respectively (dollar equals 2*s.* 4*d.*); knowledge of Optics preferred, but not essential. Full particulars from J. W. Dowuie 187 Gairbraid Street, Glasgow.

SITUATIONS WANTED.

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The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

[HOME.]

RETAIL.

A HOLIDAY Without Worry.—A qualified, experienced Manager, 35, Scot, abstainer, unimpeachable references, will be free for Locum presently; only earliest applications can be considered. Please state best terms, plus return rail-fare, to "Pharmacist," York Hotel, York Road, Bristol.

ADVERTISER, qualified, desires change; Wholesale and Retail experience; Departmental Manager or any confidential position; Midlands preferred. Apply 86/4, Office of this Paper.

AFTER Easter, as Assistant, Managing, Locum, part-time, relief, or permanency; unreg.; reliable; married, 45, 5 ft. 9 in.; all-round experience and Photography, town and country; good references; Western Counties, Devon, or Cornwall preferred. "Veritas." (86/25), Office of this Paper.

AS Manager, qualified, 43, experienced, good Salesman and Buyer, open to engagement (immediately); Locum or otherwise. Address Chemist, 13 Ashburton Road, N.S. Blackpool.

AS Manager or Senior Assistant; 45; Minor; tall; reliable; abstainer; energetic; excellent references; disengaged. Apply 88/30, Office of this Paper.

ASSISTANT (unqualified); high-class West-End experience; splendid references; age 26; demobilised; London district preferred. Particulars, Clarke, 6 Jocelyn Road, Richmond, Surrey.

ASSISTANT (19), just left R.A.F., desires summer engagement at high-class seaside Pharmacy. State salary offered and hours, 82/5, Office of this Paper.

ASSISTANT or Under-Manager; unqualified; 40; single; tall; reliable; Retail and Hospital experience; good references; state salary. Apply 83/19, Office of this Paper.

ASSISTANT; London; 25; demobilised R.A.M.C. Sergt.; unqualified. Clark, 9 Steep Hill, S.W. 16.

ASSISTANT, unqualified, recently demobilised, desires an engagement immediately, in a good or high-class business; age 25; seven years' all-round experience; knowledge of French, Italian, and Spanish. Apply 86/9, Office of this Paper.

ASSISTANT; unqualified; married; Dispensing Counter preferred; London district; references and experience good. Apply "C." (87/37), Office of this Paper.

ASSISTANT (Hall); best West-End and country experience; seaside preferred; disengaged. Apply 73/30, Office of this Paper.

ASSISTANT, unqualified, married, age 35, requires permanency; Counter and Dispensing; able to take charge if required; London only. Apply Elmwood, 37 Sandringham Road, Golders Green, N.W. 4.

ASSISTANT or Locum; unqualified; 40; demobilised. Apply "Leicester" (88/24), Office of this Paper.

BIRMINGHAM preferred.—Assistant, 29, unqualified at present, single, 5 ft. 9 in., energetic, total abstainer, is open for engagement; personal interview; studying for Minor in own time. Apply 87/13, Office of this Paper.

BRANCH Manager, 32, qualified, married, abstainer, permanency desired, good experience, recently demobilised, open for immediate engagement; please state hours and salary. Apply "Sergt.," 312 Humberstone Road, Leicester.

BRANCH Manager; unqualified; with eventual option of purchase if desired; excellent references; cash available £300. "Radium," 90a Pearcroft Road, Leytonstone, E. 11.

BRANCH Manager or Assistant; North Staffs preferred; 14 years last situation; elderly; unqualified; disengaged in about a month. Apply 86/33, Office of this Paper.

BRISTOL DISTRICT.—Good Dispenser and all-round Assistant; unqualified; tall; abstainer; well recommended; disengaged April 5th. Dispenser, 2 Melrose Place, Clifton, Bristol.

CHEMIST, who has disposed of his business, is open to accept Locum engagements. For vacant dates, etc., apply "Locum" (83/210), Office of this Paper.

CLERICAL; evening work of any kind; terms moderate. Replies to "F. G." (62/21), Office of this Paper.

DEMOBILISED R.A.M.C., 19 years, desires post as Apprentice; living in not objected to; small salary. Apply 82/7, Office of this Paper.

DISENGAGED; Locum, permanency; London, provincial experience; good references; reasonable terms. Chemist, 33a Sinclair Gardens, Kensington, W. 14.

DISENGAGED; permanent or Locum; unqualified. "Aspirin," 37 Upper Kennington Lane, London, S.E.

DISENGAGED shortly, Locum or Manager. Lynn, 2 Lodge, Sinclair Mansions, W. 12.

DISPENSER (Army qualification), 49, desires post as Dispenser to Doctor or Chemist in London; N. or N.W. preferred; 20 years' experience in Military Hospitals; late Sergeant-Major R.A.M.C. Apply, stating salary, etc., Ward 37, Coleraine Road, Hornsey, N. 8.

DISPENSER (lady) requires post with busy Doctor or Institution in Oldham or districts; young, tall, strong, healthy; Hall qualification; seven years' experience; accustomed to Dressings, Bookkeeping, Corresponding, Dispensing. State full particulars, salary offered, "Statim" (81/5), Office of this Paper.

DISPENSER; 44; disengaged; married; permanency; 27 years' experience; Bookkeeper, Extractor. Strutt, 2 London Road, Hailsham.

DISPENSER (Doctors or Retail); little Counter work; experienced; permanency. "B.," 7 Singlewell Road, Gravesend.

DISPENSER or Manager; qualified; experienced; age 38; married; reliable; at liberty April 5th or as Locum; good salary required. Lacy, 5 Eleanor Road, Forest Gate, E. 7.

DISPENSER (Hall) requires post; good experience and reference. Apply Miss Hughes, 8 Roseleigh Avenue, Highbury Park, N. 5.

ELDERLY Locum; unregistered; experienced Prescriber, Counterman, etc.; abstainer; references. Apply "Energetic," 19 Chapel Street, Uxbridge.

EVENING Dispensing; unqualified; two or three hours nightly. Apply 73/25, Office of this Paper.

EVENINGS for disposal; must be within half-hour of address. Pharmacist, 202 Mellison Road, Tooting.

EXPERIENCED lady Dispenser desires re-engagement with Doctor or Chemist. Apply 89/21, Office of this Paper.

FULLY-TRAINED Nurse, M.R.B.N.A., ex-Queen's, tall, 40, used to Surgery Dressings, would like knowledge in Dispensing; no objection to Counter. "M.," c/o Swires, 177 Broadway, Cricklewood.

IMMEDIATELY.—Qualified man, over 50, married, wants position as Dispenser, Manager, or Locum; London or near; first-class references. Apply "C. J. E.," 30 Waterloo Road, S.E.

MMEDIATELY, experienced Pharmacist, 30, desires Locum; dates booked for the summer. Write or wire Stopforth, 2 uglas Road, Wigan.

MPROVER (disengaged) seeks situation near Bristol; experienced, reliable, 21, single. Apply 85/6, Office of this Paper.

UNIOR or Improver (18), 3½ years' experience, requires situation; London or district; willing and energetic; good erences. Apply 87/30, Office of this Paper.

ADY Dispenser (Hall), trained Nurse, desires post; varied experience; quick and reliable; excellent references; salary (outdoors). Please state particulars to "H.," 66 Canterbury ad, Whitstable, Kent.

ADY Dispenser (Hall); Locum or permanent; 10 years' experience Doctors, Institutions. Apply 86/29, Office of this per.

ADY Dispenser (Hall experienced) desires post; London; Hospital or Doctor preferred. Apply 88/2, Office of this Paper.

ADY Dispenser (Hall) desires post Chemist or Doctor; two years' experience; Military and Civil; disengaged. Apply /2, Office of this Paper.

ADY, unqualified, requires post with Chemist in London area; knowledge Dispensing; willing to assist at Counter. Apply /39, Office of this Paper.

ADY (Hall), experienced, requires post; Chemist or Doctor preferred. Apply 89/16, Office of this Paper.

IVERPOOL.—Lady Assistant requires post in city; three and a half years' good Dispensing experience. Miss K. Collins, Bedford Street.

OCUM; Hants, Wilts, or Dorset; disengaged 28th inst.; thoroughly capable and experienced; excellent references. G. Williams, c/o Mr. Richards, Chemist, Weymouth.

OCUM; part-time or evening engagement; experienced; qualified Dispenser; excellent references. Apply 88/4, Office of s Paper.

OCUM; highest references; wide experience; London and provinces; well recommended. Brown, 74 West Hill, East ney, S.W. 15.

OCUM; qualified; varied experience; elderly; disengaged; good references. Pharmacist, 129 Durham Road, Sparkhill, mingham.

OCUM; 55; experienced; disengaged until 17th inst. and after 28th. J. S., 139 Linthorpe Road, Middlesbrough.

OCUM Tenens; disengaged April 5; experienced. "L. T.," 66 Neville Street, Cardiff.

OCUM or temporary Manager; qualified; 34; good experience and excellent references; North of England preferred. Apply 19, Office of this Paper.

OCUM or Temporary; qualified; 41; South Coast or healthy neighbourhood; capable; abstainer; married; highest refer-s. Apply 90/11, Office of this Paper.

OCUM; qualified; 48; high class only; salary £6 per week. Apply 88/36, Office of this Paper.

ONDON, West-End or City.—Good situation, Dispenser or Counter, required by young lady; Hall qualification; excel- references. Apply, with full particulars, to "X. Y. Z." /32), Office of this Paper.

.P.S., RECENTLY demobilised, ex-R.A.M.C. Dispenser, requires evening or morning duty at Hospital, rmacy, or Institute, London, for six months. Apply 87/2, e of this Paper.

MANAGER Drug Stores, unqualified, 31, married, no family, desires permanency; 11 years' experience; reliable; abstainer; best references; disengaged. Apply 89/8, Office of this Paper.

MANAGER; 15 years' first-class experience; energetic; resourceful; abstainer; view to succession. Apply "Ph. Chemist" (90/17), Office of this Paper.

MANAGER; unqualified; Scotsman; 50; experienced all branches, including Photography, Veterinary work; good Salesman, Dispenser, Prescriber; absolutely steady, reliable; Kent (not essential) country town with house preferred; disengaged. Terms, particulars, 90/13, Office of this Paper.

MANAGERSHIP or Locum; 38; qualified; competent Refractionist; London; disengaged Apply "Optics," 33 Friar's Stile Road, Richmond, Surrey.

MANCHESTER.—Lady Dispenser (Hall qualification) desires post with Chemist or Doctor; experienced in Surgery routine; assist with Minor Dressings. Apply 73/29, Office of this Paper.

PART-TIME post; Major Chemist; lady; open to accept engagement; Wholesale or Retail; immediate; good references. Apply 91/400, Office of this Paper.

PH.C., with first-class London and provincial experience in Retail and Wholesale, requires Managership with view to succession; brilliant selling record; highest credentials. Apply 87/6, Office of this Paper.

PHARMACIST, 35, married, abstainer, desires permanent berth as Manager or Senior; disengaged; experienced London and country; reliable. "C. E. B.," 54 Buckleigh Road, Streatham.

PHARMACIST disengaged April 7; temporary or permanent Manager; active and experienced in all branches. Peacock, c/o Young, Chemist, Staple Hill, Bristol.

QUALIFIED open to engagement as Manager, Relief Manager, or Locum; first-class experience; disengaged after April 12th. Apply 80/6, Office of this Paper.

QUALIFIED (shortly being demobilised) wants situation as Manager or Senior; City preferred; excellent references; 12 years' good experience. Apply 83/22, Office of this Paper.

QUALIFIED woman wants post in London; half-day or short hours; Chemist or Hospital; first-class Dispensing experience. Miss H. Graham, 82 Vincent Square, S.W. 1.

QUALIFIED, demobilised, 31, married, requires post as Senior or Manager; London or suburbs. "Spes," 28a Waveney Avenue. S.E. 15.

QUALIFIED Manager, good experience and references, 45, married, desires permanency. Apply 86/14, Office of this Paper.

QUALIFIED Manager, to live on premises; active, energetic, and thoroughly experienced; permanency; London district; disengaged at any time; abstainer; interview. "Rotax" (86/30), Office of this Paper.

QUALIFIED Manager or Locum; good references; exceptional experience. All particulars 87/1, Office of this Paper.

QUALIFIED Chemist as Locum, Manager, or part-time post; advertiser resident in Brighton; please supply full particulars. "Statim" (87/36), Office of this Paper.

QUALIFIED; demobilised; three years' active service; 42; married; first-class Dispenser; good all-round experience; City, East, or North-East districts preferred. "M. M." (87/35), Office of this Paper.

QUALIFIED Assistant or Manager, experienced, disengaged; abstainer. "S. S.," 98 Greyhound Lane, Streatham Common, S.W.

QUALIFIED; disengaged; London; West-End experience. Buckley, 363 East India Road, E.

QUALIFIED; Manager or Senior; elderly but active; disengaged; interview; London. J. J. B., 588 Addison Road, Kensington, W.14.

QUALIFIED, 31, as Locum or Manager, free now. Williams, 10 Richmond Road, Shepherd's Bush, W.

QUALIFIED Chemist, used to Management of large business, seeks change; S. or S.E. seaside preferred; highest references. Apply 89/32, Office of this Paper.

QUALIFIED; 45; disengaged; small Managership, Dispensership, or Locum. Apply "Rhsf" (90/38), Office of this Paper.

SCOTSMAN, qualified, 29, recently demobilised, seeks situation as Assistant where first-class Dispensing and Counter experience is obtained; free last week of April. Apply 77/32, Office of this Paper.

SMART, up-to-date Assistant requires position; London preferred; quick and accurate Dispenser; Window-dresser, Counter, and Photography; 12 years' experience; age 28; excellent references. "D.," Hamilton Villa, Hamlet Road, Upper Norwood, S.E.19.

SMART; gentlemanly; unqualified; permanent position; personal interview. Apply "Reliable" (90/350), Office of this Paper.

UNQUALIFIED, demobilised, 25, desires situation; six years' experience Retail and Dispensing; Photographic knowledge. "T. P.," 22 Chatsworth Road, West Norwood, S.E. 27.

UNQUALIFIED lady desires post; four years' experience of Counter work and Window-dressing; West End preferred. Apply "Bernine," "Rosyne," Finborough Road, Tooting Junction, S.W.17.

YOUNG lady, five years' experience in Dispensing and Counter work, desires post with Chemist in Yorkshire; Harrogate or Bradford area preferred; excellent references. Miss Williams, Moorland View, Otley Road, Skipton.

YOUNG lady, having had two years' Dispensing experience, desires to learn Retail trade; would take lower salary in order to learn; well educated and good references. Kindly apply 90/7, Office of this Paper.

WHOLESALE.

1s. for 12 words or less; 9d. for every 10 words or less Beyond prepaid.

CHEMICAL ENGINEER AND DOCTOR OF CHEMICAL SCIENCE,
having directed for 18 years the Research Laboratory in one of the most important German Chemical Works producing Aniline Colours, desires to find a similar situation in England or in America. All communications to be addressed to
MONSIEUR MAURICE TRAMASURE,
22 Avenue de la Chevalerie,
Bruxelles, Belgium

ADVERTISER, qualified Pharmacist, thoroughly conversant with the requirements of the Retail Drug trade, desires to represent Drug and Sundry house; smart appearance and address. Apply "Ajax" (74/36), Office of this Paper.

AGE 24 years; Wet, Dry, or Lab.; strong and active; just demobilised. Apply 88/25, Office of this Paper.

BUSINESS man (31), Commercial, Wholesale, and Retail experience, smart, adaptable, seeks suitable position; represent or otherwise. Apply "Ability" (90/35), Office of this Paper.

CAPABLE Traveller accustomed to selling to Chemists' Stores, etc., seeks berth, whole or part time. Thomas, 28 Ormiston Road, London, W.18.

COMPETENT man requires situation; Wet or Dry Counter. Apply 88/1, Office of this Paper.

EXPERIENCED Chemist; Showcard and Ticket Writer wants berth; original ideas for window displays; well recommended. James, 256 High Road, Balham, S.W.

EXPERIENCED Chemist, with long and intimate knowledge of the origination, manufacture, and assay of Galenical and Pharmaceutical preparations, thorough knowledge of Wholesale and Manufacturing Chemistry, up-to-date experience in Therapeutics, seeks permanent and responsible position with first-rate modern business house. "G. M." (87/19), Office of this Paper.

FIRST-CLASS, experienced Travelling Representative, shortly disengaged, seeks similar appointment. Apply 88/9, Office of this Paper.

GENTLEMAN (37) seeks position as Manager or Chief Clerk; thorough knowledge of trade and office routine; many years' experience Export, Shipping, Correspondence, etc.; accustomed control staff. Apply 88/5, Office of this Paper.

LADY Chemist requires responsible position in Wholesale house; any capacity, Clerical or Manufacturing; long and excellent experience; tactful, good organiser. Apply 91/4, Office of this Paper.

REPRESENTATIVE requires re-engagement; 18 years' good experience; sound knowledge of Drug trade; first-class references; good connection. Apply 88/7, Office of this Paper.

TRAVELLER (Minor man) wishful to represent good house; small salary and commission. "Pharmacist," 2 Hastings Road, West Ealing.

TRAVELLER, demobilised, 35, married, wishes to represent reputable House; Drugs or Sundries; 20 years' varied Retail experience; energetic, reliable; good Commercial knowledge. Apply 90/16, Office of this Paper.

WHOLESALE Assistant Manager, Wholesale and Manufacturing house (turnover ¾ million pounds), seeks similar berth; practical experience and accurate methods Buying, Costing (purchased and manufactured goods), Stockkeeping, Quotation, and Advertising work; home and Indian experience; present salary £500; free September. Apply 80/40, Office of this Paper.

YOUNG man (24) requires post as Assistant in Analytical Laboratory; experienced chiefly Foods and Drugs; moderate salary. Apply 85/9, Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

LADY Dispenser (Hall), five years' experience, desires post abroad; Egypt preferred. Apply 89/9, Office of this Paper.

MISCELLANEOUS.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

CHEMIST'S Fittings for Sale, comprising two Wall Fittings, each about 30 ft. long by 8 ft. high, with showcases, mirror, poison cupboards, and about 100 drawers; also two Dispensary Screens, 7 ft. by 6 ft., with two plate-glass showcases and centre mirror one having sponge case with marble top; also large Showcase fitting, 9 ft. long and 8 ft. high, upper part being all plate-glass case, with mirror back and glass shelves, under part all showcase with wood back and shelves; all in polished mahogany, in first-class condition; can be seen by appointment. Apply F. reck, Contractor, Boston, Lincs.

FOR Sale, regardless of cost, a large surplus stock of Senna Leaves and Pods, 1 ton each, best Block Juice, ½ ton, and Manufacturing Syrup, 6 barrels; any quantity from 28 lb., or smaller lots if required, will be supplied. For further particulars apply Milton Stott, Herbalist, Phœnix Works, Hartley Street, Halifax.

PRE-WAR Company Registration required, suitable for manufacturing Chemicals. Reply, stating price required, to 91/27, Office of this Paper.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

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FOR DISPOSAL.

DENTAL.

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